

**NORTH SLOPE  
SUBAREA CONTINGENCY PLAN**

**RESOURCES  
SECTION**

<b>RESOURCES: PART ONE – COMMUNITY PROFILES .....</b>	<b>B-1</b>
A. Regional Organizations .....	B-1
B. Community Profiles .....	B-2
 <b>RESOURCES: PART TWO – EQUIPMENT .....</b>	 <b>B-39</b>
A. Commercially Available Equipment .....	B-41
B. Non-Commercially Available Equipment .....	B-43
C. Industry/Spill Cooperative Equipment .....	B-45
 <b>RESOURCES: PART THREE – INFORMATION DIRECTORY .....</b>	 <b>B-57</b>
A. Airports and Air Services .....	B-58
B. Bird and Other Wildlife Response .....	B-61
C. Contractors: BOA and Term .....	B-62
D. Historic Properties Protection .....	B-62
E. Emergency Services/Managers .....	B-63
F. Fishing Fleets and Organizations .....	B-63
G. Government Contacts and Information .....	B-64
H. Hospitals .....	B-65
I. Intake Water-Use Facilities .....	B-66
J. Not Used .....	B-66
K. Not Used .....	B-66
L. Laboratories .....	B-66
M. Media .....	B-67
N. Alaska Native Organizations and Federally-Recognized Tribes .....	B-68
O. Organizations: Environmental, Health, and Volunteer .....	B-70
P. Port Authorities, Harbor Masters, and Marine Pilots .....	B-70
Q. Not used .....	B-70
R. Response Agreements .....	B-71
S. Salvage Companies .....	B-71
T. Federal and State Natural Resource Trustee Emergency Contacts .....	B-72
U. Not Used .....	B-74
V. Vehicles .....	B-74
W. Weather Service .....	B-75
WWW. Useful Websites .....	B-77
 <b>RESOURCES: PART FOUR – LOGISTICS .....</b>	 <b>B-79</b>
A. Equipment Considerations .....	B-80
B. Personnel Considerations .....	B-81
C. Communications .....	B-82
D. Command Posts .....	B-93
E. Storage/Disposal .....	B-94

## **TABLES**

Table B-1: VHF Repeaters .....	B-84
Table B-2: Marine VHF Radio Frequencies.....	B-87
Table B-3: State of Alaska Communication Assets.....	B-91

## **FIGURES**

Figure B-1: VHF Repeater Location, North Slope Subarea .....	B-86
Figure B-2: Cellular Phone Coverage in North Slope Subarea, provided by ACS.....	B-89

## RESOURCES: PART ONE – COMMUNITY PROFILES

The following information was extracted from the Alaska Department of Commerce, Community and Economic Development Community Database Online and *The Alaska Wilderness Guide* (9th Edition, 2006). It is provided as a quick reference to some types of available services. For complete and current information on specific communities within the subarea, visit the Alaska Department of Commerce, Community and Economic Development, Community Database at:

[http://www.dced.state.ak.us/dca/commdb/CF\\_COMDB.htm](http://www.dced.state.ak.us/dca/commdb/CF_COMDB.htm)

### A. REGIONAL ORGANIZATIONS

The following presents regional organizational information for the North Slope Subarea:

*(The area code for all phone and fax numbers is 907, unless otherwise indicated)*

#### Borough:

**North Slope Borough**, P.O. Box 69, Barrow, AK 99723;

*Phone:* 852-2611; *Fax:* 852-0337;

*E-mail:* [george.ahmaogak@north-slope.org](mailto:george.ahmaogak@north-slope.org); *Web:* <http://www.north-slope.org/>

#### Regional Native Corporation:

**Arctic Slope Regional Corp.**, P.O. Box 129, Barrow, AK 99723;

*Phone:* 852-8633; *Fax:* 852-5733

#### School District:

**North Slope Borough Schools**, Box 169, Barrow, AK 99723-0169;

*Phone:* 852-5311; *Fax:* 852-5984

#### Regional Development:

**Arctic Development Council**, P.O. Box 1353, Barrow, AK 99723;

*Phone:* 852-4146; *Fax:* 852-4147

#### Housing Authority:

**Tagiugmiullu Nunamiullu Housing Authority**, P.O. Box 409, Barrow, AK 99723;

*Phone:* 852-0290; *Fax:* 852-0373

#### Regional Health Corporation:

**North Slope Regional Health Corp.**, P.O. Box 69, Barrow, AK 99723;

*Phone:* 852-2611; *Fax:* 852-0337

## **B. COMMUNITY PROFILES**

The information included in the following profiles is meant to assist responders by providing the most vital contacts and useful facts available for a community. Efforts have been made to provide the most current information, but things change. Also, information is still being sought for some categories (note the blank spaces)' especially those concerning a town or village's chosen priority locations for protection in case of a spill. The plan holders welcome any inputs that might make this a more useful and instructive document.

Be aware that many villages have no organized fire department, volunteer or otherwise. Law enforcement varies from village to village. Some may have a city government-backed police department or a Village Public Safety Officer (VPSO), a position that generally receives funding through both a Native corporation and the State's Department of Public Safety, from which they also receive training.

To update information in these community profiles, please submit your information to the following subarea committee staff contacts:

ADEC Prevention Section (Attn: Dale Gardner)  
555 Cordova Street  
Anchorage, AK 99501  
Email: [dale\\_gardner@dec.state.ak.us](mailto:dale_gardner@dec.state.ak.us)  
Phone: (907) 269-7682 Fax: (907) 269-7648

EPA Region 10, Alaska Operations Office (Attn: Mary Goolie)  
222 W 7<sup>th</sup> Avenue, #19  
Anchorage, AK 99513  
Email: Knowles.Nicholas@epamail.epa.gov  
Phone: (907) 271-3414 Fax: (907) 271-3424

***Please note that additional details, including village or city photos for many communities, are provided in the Community Profiles available on the Internet at the Alaska Department of Commerce, Community, and Economic Development's Community Database website:***

[http://www.commerce.state.ak.us/dca/commdb/CF\\_COMDB.htm](http://www.commerce.state.ak.us/dca/commdb/CF_COMDB.htm)

## **ANAKTUVUK PASS**

**Pronunciation:** an-ack-TOO-vick

**a.k.a.** Naqsrarmiut Tribe

**Population:** 324 (2010 U.S. Census Population)

**Incorporation Type:** 2nd Class City

**Borough Located In:** North Slope Borough

### **Location & Climate:**

Anaktuvuk Pass is located at 2,200 feet elevation on the divide between the Anaktuvuk and John Rivers in the central Brooks Range. The village lies about 250 miles northwest of Fairbanks and about the same distance southeast of Barrow. Anaktuvuk Pass is one of the most scenic villages on the North Slope, surrounded by tall mountains and near rivers and lakes. The community is located in the Gates of the Arctic National Parks and Preserve.

68.143 North Latitude and -151.735 West Longitude.

Sec. 18, T015S, R002E, Umiat Meridian

The climate of Anaktuvuk Pass is strongly continental. Due to its high elevation, summers are cool. The average temperature in January is -14 °F. The average summer temperature is 50 °F. Extremes ranging from a low of -56 to a high of 91 °F have been recorded. Precipitation averages 11 inches and snowfall averages 63 inches per year.

### **EMERGENCY SERVICES**

<b>Police,</b>	852-6111	<b>Fire,</b>	Dispatch 661-6814 Office
<b>North Slope Borough</b>		<b>Anaktuvuk Pass VFD</b>	633-6814
<b>VPSO</b>		<b>EMS</b>	Contact VFD
<b>Alaska State Troopers,</b>	852-3783	<b>Clinic,</b>	661-3914
<b>Barrow</b>		<b>Anaktuvuk Pass Clinic</b>	

### **LOCAL ORGANIZATIONS AND STAKEHOLDERS**

	<b>Name</b>	<b>Phone</b>	<b>Fax</b>
<b>City</b>	City of Anaktuvuk Pass Primary Contact: City Clerk	661-3612	661-3613
<b>Village/Tribal Council</b>	Village of Anaktuvuk Pass (a.k.a. Naqsrarmiut Tribal Council) <b>Primary Contact:</b> [INSERT TITLE, President, Administrator, Admin Asst.] <b>Environmental Coordinator:</b>	661-2575 661-2575	661-2576
<b>School</b>	Nunamiut School	661-3226	
<b>School District</b>	North Slope Borough Schools	852-5311	
<b>Village Corporation</b>	Nunamiut Corporation	661-3220	661-3025
<b>Regional Native Corporation</b>	Arctic Slope Regional Corp	339-6000 (Anch.) 852-8633 (Barrow)	339-6028
<b>OTHER</b>			

### **TRANSPORTATION**

<b>ROAD:</b>	Accessible by road?	No road access.
<b>AIR:</b>	Airline service available from Fairbanks & Barrow.	Scheduled and charter flights available.
<b>WATER:</b>	Accessible by boat?	No.

### **Local Transportation and Services**

Local Transportation:	ATV & Snowmachines, limited truck use
Local Roads and Trails:	"Cat-trains" transport cargo from the Trans-Alaska pipeline haul road during winter months
Vehicle Rental:	
Airline Services:	Arctic Circle Air Service, Era Alaska, Evert Air Alaska, Larry's Flying Service Tanana Air Service, Warbelow's Air Ventures and Wright Air Service

LOCAL SERVICES AND FACILITIES			
<b>Lodging &amp; Food</b>			
<b>Housing Facility</b>	<b>Point of Contact</b>	<b>Phone</b>	
[Name 1]			
Capacity:	Food Service Available: Yes/No Kitchen Available: Yes/No	Season:	
[Name 2]			
Capacity:	Food Service Available: Yes/No Kitchen Available: Yes/No	Season:	
<b>Food Service &amp; Groceries</b>			
<b>Name/Facility</b>	<b>Type</b>	<b>Season</b>	<b>Phone</b>
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
<b>Supplies &amp; Other Services</b>			
	<b>Name</b>	<b>Phone</b>	
General Store			
Hardware Store			
Washeteria			
Bank or ATM			
[Other]			
<b>Fuel</b>			
<b>Fuel Stations</b>	<b>Phone</b>	<b>Fuel Available</b>	<b>Season</b>
[Name/Operator]			
<b>Bulk Fuel</b>	<b>Phone</b>	<b>Fuel Available</b>	<b>Capacity</b>
[Name/Operator]			
<b>Communications and Utilities</b>			
	<b>Name/Service Provider</b>		

Telephone (Landline)	AT&T Alascom, GCI, Arctic Slope Telephone
Telephone (Cellular)	GCI
Internet Service Provider	GCI
Electricity Provider	North Slope Borough Power & Light, 852-0340
Local Power Plant	
School Power Plant	
Primary Water Supply System:	Most households have water delivered by truck to holding tanks. Almost 80% of homes have running water in the kitchen.
Primary Sewage System:	<i>Information not available.</i>

### SPILL RESPONSE SUPPORT

*The following facilities may be available to support a spill response. Contact local communities for additional information.*

#### Potential Command Posts, Operations Centers or Meeting Facilities

Facility Name or Location	Contact (organization & phone)	Capacity/ Size	Internet Yes / No
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#### Potential Staging Areas

Facility Name or Location	Contact (organization & phone)	Capacity/ Size
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#### Local Spill Response Equipment

Facility Name or Location	Contact (organization & phone)	Quantity
Boom, sorbent pads, etc.		
Backhoe		
Bulldozer		
Dump truck or similar		
[other]		
[other]		

**Are there any limiting factors in the community for supporting a large spill response effort? Examples are restricted food supply, seasonal water rationing, lack of lodging, waste-water restrictions, etc.**

**What are the top two sensitive areas (*environmental or cultural*) to be protected in case of an oil spill?**

Location	Latitude & Longitude	Reason for protection
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**Economy:**

Economic and employment opportunities are limited in Anaktuvuk Pass, due to its isolation. Hunting and trapping for the sale of skins, guiding hunters, or making traditional Caribou skin masks or clothing provides income. Some residents have seasonal employment outside of the community. Anaktuvuk's economy is largely based on subsistence hunting of caribou.

**Culture & Demographics:**

Anaktuvuk Pass, a historic caribou migration route, is the last remaining settlement of the inland Iñupiat Eskimo, the Nunamiut. The Nunamiut make up 88 percent of the population. The community is dependent upon subsistence activities. Caribou is the primary source of meat; other subsistence foods include trout, grayling, moose, sheep, brown bear, ptarmigan, water fowl and berries. Caribou migrate through the area in spring and fall.

The original nomadic Nunamiut left the Brooks Range and scattered in the early 1900s, mostly due to the collapse of the caribou population. By the 1940s, several Nunamiut families returned to the area and settled at the broad, treeless Anaktuvuk Pass, "the place of caribou droppings."

There is a year-round museum in Anaktuvuk Pass that celebrates the early natural, geological and cultural history of the area, including the migration of people across the Bering Land Bridge. The museum also displays Nunamiut clothing, household goods and hunting implements used around the time of the first contact with Westerners.



## **ATQASUK**

**Pronunciation:** AT-kuh-suck

**a.k.a.** Atkasook

**Population:** 233 (2010 U.S. Census Population)

**Incorporation Type:** 2nd Class City

**Borough Located In:** North Slope Borough

### **Location & Climate:**

Atqasuk is located inland from the Arctic Ocean on the Meade River, about 60 miles southwest of Barrow.  
70.469 North Latitude and -157.395 West Longitude.  
Sec. 19, T013N, R021W, Umiat Meridian

The climate is arctic. The daily minimum temperature drops below freezing 300 days a year. Temperature extremes range from a low of -56 to a high of 78 °F. Precipitation is light, at 5 inches per year. Snowfall averages 22 inches per year.

<b>EMERGENCY SERVICES</b>			
<b>Police, North Slope Borough</b>	852-6111	<b>Fire, Atqasuk VFD</b>	633-6814
<b>VPSO</b>		<b>EMS</b>	Contact VFD
<b>Alaska State Troopers, Barrow</b>	852-3783	<b>Clinic, Atqasuk Clinic</b>	633-6711

<b>LOCAL ORGANIZATIONS AND STAKEHOLDERS</b>			
	<b>Name</b>	<b>Phone</b>	<b>Fax</b>
<b>City</b>	City of Atqasuk	633-6811	633-6812
	<b>Primary Contact:</b> City Clerk		
<b>Village/Tribal Council</b>	Atqasuk Village	633-2575	633-2576
	<b>Primary Contact:</b> [INSERT TITLE, President, Administrator, Admin Asst.]		
	<b>Environmental Coordinator:</b>		
<b>School</b>	Meade River School	633-6315	
<b>School District</b>	North Slope Borough Schools	852-5311	
<b>Village Corporation</b>	Atqasuk Corporation	633-6414	633-6213
<b>Regional Native Corporation</b>	Arctic Slope Regional Corp	339-6000 (Anch.) 852-8633 (Barrow)	339-6028
<b>OTHER</b>			

<b>TRANSPORTATION</b>		
<b>ROAD:</b>	Accessible by road?	No road access
<b>AIR:</b>	Airline service available from Barrow	Scheduled and charter flights available.
<b>WATER:</b>	Accessible by boat?	
<b>Local Transportation and Services</b>		
Local Transportation:		ATVs & Snowmachines. Limited truck use.
Local Roads and Trails:		Air travel provides the only year-round access, while land transportation provides seasonal access. The North Slope Borough owns and operates the Edward Burnell Sr. Memorial Airport, which has a 4,370' long by 90' wide gravel runway.

	"Cat-trains" are sometimes used to transport freight overland from Barrow during winter months. Snowmachines, ATVs, and boats are used for local transportation.
Vehicle Rental:	None identified
Airline Services:	4,370' long by 90' wide gravel runway. Airlines: Cape Smythe Air Service Frontier Flying Service, Era Alaska
Docking Facilities:	
Barge Service Schedule/Frequency:	

LOCAL SERVICES AND FACILITIES			
Lodging & Food			
Housing Facility	Point of Contact		Phone
Atqasuk Corp. Hotel & Restaurant			
Capacity: XXX	Food Service Available: Yes Kitchen Available: No		Season:
School CIP Camp			
Capacity: XXX	Food Service Available: Yes/No Kitchen Available: Yes/No		Season:
Food Service & Groceries			
Name/Facility	Type	Season	Phone
Atqasuk Corporation Store	Groceries		
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
Supplies & Other Services			
	Name	Phone	
General Store	Atqasuk Corporation Store - food, clothing, first-aid supplies, cameras, film and hardware. Propane, gas, diesel and motor oil are also available.		
Hardware Store			
Washeteria			
Bank or ATM			
[Other]			
Fuel			
Fuel Stations	Phone	Fuel Available	Capacity (gallons)
Atqasuk Corp. Store		Propane, gas, diesel	2,000
Tank Farms			
Atqasuk Corp./NSB Fuel			580,000
NSB School			10,000
NSB Police			1,100

NSB Fire			7,000
NSB Clinic			6,700
NSB Power/Water			87,500
NSB Services			10,000
NSB Heavy Equipment			5,000
City Hall/Community Center			2,000
<b>Communications and Utilities</b>			
	<b>Name/Service Provider</b>		
Telephone (Landline)	AT&T Alascom, GCI, Arctic Slope Telephone		
Telephone (Cellular)	GCI		
Internet Service Provider	GCI		
Electricity Provider	North Slope Borough Power & Light, 852-0340		
Local Power Plant			
School Power Plant			
Primary Water Supply System:	Delivery to household water tanks is available. Most homes have tanks that provide running water for the kitchen. The majority of homes and facilities, including the school, have running water and flush system.		
Primary Sewage System:	Indoor Plumbing		

SPILL RESPONSE SUPPORT			
<i>The following facilities may be available to support a spill response. Contact local communities for additional information.</i>			
Potential Command Posts, Operations Centers or Meeting Facilities			
Facility Name or Location	Contact (organization & phone)	Capacity/ Size	Internet Yes / No
Potential Staging Areas			
Facility Name or Location	Contact (organization & phone)	Capacity/ Size	
Local Spill Response Equipment			
Facility Name or Location	Contact (organization & phone)	Quantity	
Boom, sorbent pads, etc.			
Backhoe			
Bulldozer			
Dump truck or similar			

[other]		
[other]		
<b>Are there any limiting factors in the community for supporting a large spill response effort? Examples are restricted food supply, seasonal water rationing, lack of lodging, waste-water restrictions, etc.</b>		
<b>What are the <u>top two</u> sensitive areas (<i>environmental or cultural</i>) to be protected in case of an oil spill?</b>		
<b>Location</b>	<b>Latitude &amp; Longitude</b>	<b>Reason for protection</b>

### **Economy:**

Education and other government services provide the majority of full-time employment in Atqasuk. Some residents also produce arts and crafts for sale including masks, mittens, dolls, yo-yos, ulus and parkas. Residents trap and sell furs to supplement cash income. Subsistence activities provide food sources.

### **Culture & Demographics:**

Inupiat Eskimos comprise 91% of the population. Atqasuk's economy is largely based on subsistence caribou hunting and fishing. Fish in the Meade River include grayling, burbot, salmon and whitefish. Local game includes, ptarmigan, ducks and geese. Residents also travel to the coast to participate in whaling and hunting other marine mammals - polar bear, seal, walrus, and whale are harvested and traded.

History: Atqasuk has long been established as a hunting and fishing ground. Abandoned sod houses, an old cellar and gravesite near the village provide evidence of an early settlement here. During World War II, coal was mined in the community and freighted to Barrow. During the next 10 years, the village existed under the name of Meade River. Although the population dwindled in the 1960s, former residents from Barrow moved to the community in the 1970s and re-established the village under the name of Atqasuk. The village was incorporated as a second-class city in 1982.

## **BARROW**

**Pronunciation:** (BARE-row)

**a.k.a. Ukpeagvik**

**Population:** 4,212 (2010 U.S. Census Population)

**Incorporation Type:** 1st Class City

**Borough Located In:** North Slope Borough

### **Location & Climate:**

Barrow, the northernmost community in the United States, is located on the Chukchi Sea coast, 10 miles south of Point Barrow, from which it takes its name. It lies 725 air miles from Anchorage.

71.290 North Latitude and 156.788 West Longitude.

Sec. 06, T022N, R018W, Umiat Meridian

The climate of Barrow is arctic. Temperatures range from -56 to 78 °F, with an average temperature of 40 °F during summer. The daily minimum temperature is below freezing 324 days of the year. Prevailing winds are easterly and average 12 mph. Annual precipitation is light, averaging 5 inches, and annual snowfall is 20 inches. The Chukchi Sea is typically ice-free from mid-June through October.

The sun does not set between May 10th and August 2nd each summer and does not rise between Nov. 18th and January 24th each winter.

<b>EMERGENCY SERVICES</b>			
<b>Police, North Slope Borough</b>	852-6111	<b>Fire, Barrow VFD</b>	852-0234
<b>VPSO</b>		<b>EMS</b>	Contact VFD
<b>Alaska State Troopers, Barrow</b>	852-3783	<b>Hospital/Clinic, Samuel Simmonds Memorial Hospital</b>	852-9248/ 852-0260

<b>LOCAL ORGANIZATIONS AND STAKEHOLDERS</b>			
	<b>Name</b>	<b>Phone</b>	<b>Fax</b>
<b>City</b>	City of Barrow	852-5211	852-3529
	Primary Contact: City Clerk		
<b>Village/Tribal Council</b>	Inupiat Community of the Arctic Slope	852-4227	852-4246
	Primary Contact: [INSERT TITLE, President, Administrator, Admin Asst.]		
	Environmental Coordinator:		
<b>Village/Tribal Council</b>	Native Village of Barrow Inupiat Traditional Government	852-4411	852-8844
	Primary Contact: Executive Director/President		
	Environmental Coordinator:		
<b>Schools</b>	Barrow High School Eben Hopson Middle School Fred Ipalook Elementary School Kiita Learning Community	852-8950 852-3880 852-4711 852-9677	
<b>School District</b>	North Slope Borough Schools	852-5311	
<b>Village Corporation</b>	Ukpeagvik Inupiat Corporation	852-4460	852-4459

<b>Regional Native Corporation</b>	Arctic Slope Regional Corp	339-6000 (Anch.) 852-8633 (Barrow)	339-6028
<b>OTHER</b>	Alaska Eskimo Whaling Commission	852-2392	
	Arctic Slope Native Association, Ltd.	852-2762	
	Arctic Sounder, Barrow (newspaper)	272-9830	
	North Slope Health & Social Services	852-0366	
	Tagiugmiullu Nunamiullu Housing Authority	852-7150	
	Iḷisaġvik College	852-3333	
	Barrow Arctic Science Consortium	852-4881	
	KBRW (Radio Station)	852-6811	
	Inupiat Heritage Center (National Park Service)	852-0422	

<b>TRANSPORTATION</b>		
<b>ROAD:</b>	Accessible by road?	No.
<b>AIR:</b>	Airline service available from Anchorage & Fairbanks	Barrow is regional transportation hub.
<b>WATER:</b>	Accessible by boat?	Seasonal marine transportation (Late June-September)
<b>Local Transportation and Services</b>		
Local Transportation:		Cars & trucks; atvs & snowmachines.
Local Roads and Trails:		Local roads in town. Winter trails connect to outlying areas.
Vehicle Rental:		Jon's Car Rental Dunbar's. UIC Car Rental (852-2700) Multiple taxi services in town.
Airline Services:		Regularly-scheduled jet services provide Barrow's only year-round access. Alaska Air, Era Alaska
Docking Facilities:		New boat ramp and dock located at the North Salt Lagoon to be constructed.
Barge Service Schedule/Frequency:		

LOCAL SERVICES AND FACILITIES			
Lodging & Food			
Housing Facility	Point of Contact		Phone
King Eider Inn			852-4700 http://kingeider.net/main/index.php
Capacity: 19 rooms	Food Service Available: No Kitchen Available: No		Season: Year-round
Top of the World Hotel			852-3900
Capacity: 50 rooms	Food Service Available: Yes, adjoining restaurant		Season: Year-round
Food Service & Groceries			
Name/Facility	Type	Season	Phone
AC Value Center	Grocery		
Multiple Restaurants serve the community.			

<b>Supplies &amp; Other Services</b>			
	Name	Phone	
General Store	AC Value Center (food & general merchandise)	852-6711	
	Arctic Grocery Inc	852-6666	
Hardware Store			
Washeteria			
Bank or ATM			
<i>Major repair services are available for marine, auto and aircraft engines. Diesel, propane, marine gas, aviation fuel and all grades of auto gas are available.</i>			
<b>Fuel</b>			
<b>Fuel Stations</b>	<b>Phone</b>	<b>Fuel Available</b>	<b>Season</b>
[Name/Operator]			
<b>Bulk Fuel</b>	<b>Phone</b>	<b>Fuel Available</b>	<b>Capacity</b>
Barrow Utilities & Electric Cooperative	852-6166	natural gas for home heating and Barrow Power Plant	
Eskimos Inc./Airport			27,000
Airport			240,000
<b>Communications and Utilities</b>			
	Name/Service Provider		
Telephone (Landline)	AT&T Alascom, GCI, Arctic Slope Telephone		
Telephone (Cellular)	GCI		
Internet Service Provider	GCI, Arctic Slope Telephone Association Cooperative		
Electricity Provider	Barrow Utilities & Electric Cooperative, 852-6166		
Local Power Plant	Barrow Power Plant (natural gas)		
School Power Plant			
Primary Water Supply System:	Piped Water System		
Primary Sewage System:	Indoor Plumbing		

<b>SPILL RESPONSE SUPPORT</b>			
<i>The following facilities may be available to support a spill response. Contact local communities for additional information.</i>			
<b>Potential Command Posts, Operations Centers or Meeting Facilities</b>			
<b>Facility Name or Location</b>	<b>Contact (organization &amp; phone)</b>	<b>Capacity/ Size</b>	<b>Internet</b>
			Yes / No
<b>Potential Staging Areas</b>			
<b>Facility Name or Location</b>	<b>Contact (organization &amp; phone)</b>	<b>Capacity/ Size</b>	

<b>Local Spill Response Equipment</b>		
<b>Facility Name or Location</b>	<b>Contact (organization &amp; phone)</b>	<b>Quantity</b>
Boom, sorbent pads, etc.		
Backhoe		
Bulldozer		
Dump truck or similar		
[other]		
[other]		
<b>Are there any limiting factors in the community for supporting a large spill response effort? Examples are restricted food supply, seasonal water rationing, lack of lodging, waste-water restrictions, etc.</b>		
<b>What are the <u>top two</u> sensitive areas (<i>environmental or cultural</i>) to be protected in case of an oil spill?</b>		
<b>Location</b>	<b>Latitude &amp; Longitude</b>	<b>Reason for protection</b>

### **Economy:**

Barrow is the economic center of the North Slope Borough, the city's primary employer, and numerous businesses provide support services to oil field operations. State and federal agencies also provide employment. The midnight sun has attracted tourism, and arts and crafts provide some cash income. In 2010, 4 residents held commercial fishing permits. Many residents rely upon subsistence food sources: whale, seal, polar bear, walrus, duck, caribou, grayling, and whitefish are harvested from the coast or nearby rivers and lakes.

Formation of the North Slope Borough in 1972 and the Arctic Slope Regional Corporation, as well as construction of the Prudhoe Bay oilfields and Trans-Alaska Pipeline, have each contributed to the development of Barrow. Today, tax revenues from the North Slope oil fields fund borough-wide services.

### **Culture & Demographics:**

The majority of residents are Inupiat Eskimos (69%). Although Barrow is a modern community, subsistence hunting, fishing and whaling are still very important to the local economy. Traditional marine mammal hunts and other subsistence practices are an active part of the culture. Bowhead, gray, killer, and beluga whales migrate near Barrow each summer.

### **History and Historic/Cultural Properties:**

Birnick archaeological site contains 16 dwelling mounds of a culture believed to have existed from 500-900 AD. The archaeological findings are considered a key link between the prehistoric cultures of Alaska and Canada.

In 1881, the U.S. Army established a meteorological and magnetic research station near Barrow. Another interesting site is the



Cape Smythe Whaling and Trading Station in nearby Browerville. Cape Smythe was built as a whaling station in 1893 and is the oldest frame building in the Arctic.

During the 1940s and 1950s, the military played an influential role in the area. Construction of the Distant Early Warning (DEW) line and exploration in the National Petroleum Reserve brought new people to the region. During the same time, the Naval Arctic Research Lab (NARL) was built near Barrow.

Visitors to Barrow will arrive at the Wiley Post-Will Rogers Memorial Airport. This airport was named to commemorate the famous pilot and the American humorist who died in an airplane crash just 15 miles south of Barrow in 1935. Across from the airport sits the Will Rogers and Wiley Post

## **DEADHORSE & PRUDHOE BAY**

**Pronunciation:** PROO-doh

**Population:** 2,174 (2010 U.S. Census Population)

**Incorporation Type:** Unincorporated

**Borough Located In:** North Slope Borough

### **Location & Climate:**

Prudhoe Bay is adjacent to the Beaufort Sea, east of Nuiqsut, at the end of the Dalton Highway. Deadhorse serves as the gateway to the Prudhoe Bay and other North Slope oilfields.

70.255 North Latitude and 148.337 West Longitude.

Sec. 08, T010N, R015E, Umiat Meridian

The climate of the North Slope is arctic. Temperatures range from -56 to 78 °F. Precipitation is light, averaging 5 inches, with 20 inches snow per year.

<b>EMERGENCY SERVICES</b>			
<b>Police</b>	852-6111	<b>Fire,</b> Greater Prudhoe Bay Fire Dept.	659-5646
<b>VPSO</b>		<b>EMS</b>	
<b>Alaska State Troopers, Barrow</b>	852-3783	<b>Clinic</b>	Beacon Clinic: 659-2699 <i>Additional private, oil industry clinics available</i>

<b>LOCAL ORGANIZATIONS AND STAKEHOLDERS</b>			
	<b>Name</b>	<b>Phone</b>	<b>Fax</b>
<b>OTHER</b>			

<b>TRANSPORTATION</b>		
<b>ROAD:</b>	Accessible by road?	Yes. Dalton Highway/Haul Road
<b>AIR:</b>	Airline service available from Anchorage, Fairbanks & Barrow	Scheduled, daily jet aircraft service and chartered flights
<b>WATER:</b>	Accessible by boat?	Seasonal marine vessel traffic
<b>Local Transportation and Services</b>		
Local Transportation:		Trucks
Local Roads and Trails:		Multiple roads serve the oil fields, access is restricted. The Dalton Highway is used year-round by trucks to haul cargo to the North Slope. There are no services beyond this point, and the highway is hazardous during winter months.
Vehicle Rental:		Airport Rentals (Tip: Make arrangements to have rental truck to be waiting at airport, warmed up and with a drip pan)
Airline Services:		Alaska Airlines, Era Aviation, Shared Services, Alaska Air Taxi (charter only; will transport hazmat)
Docking Facilities:		
Barge Service Schedule/Frequency:		

LOCAL SERVICES AND FACILITIES			
Lodging & Food			
Housing Facility	Point of Contact		Phone
Prudhoe Bay Hotel/ Deadhorse Camp			659-2449/ 877-474-3565
Capacity:	Food Service Available: Yes Kitchen Available: No		Season: Year-round
The Aurora Hotel			
Capacity:	Food Service Available: Yes Kitchen Available: No		Season: Year-round
Arctic Caribou Inn & Restaurant			659-2368
Capacity:	Food Service Available: Yes Kitchen Available: No		Season:
Food Service & Groceries			
Name/Facility	Type	Season	Phone
Prudhoe Bay General Store	Limited groceries	Year-round	659-2412
Supplies & Other Services			
	Name		Phone
General Store	Prudhoe Bay General Store		659-2412
Hardware Store	Brooks Range Supply: Napa Auto Parts and True Value Hardware		659-2550
Washeteria			
ATM	One is located at Prudhoe Bay Hotel		
Auto Repair	Peak Light Duty: Car & light duty truck, mechanical & tire		659-2033
Auto Repair	Conam: Ford Authorized Warranty car & light duty mechanical & tire		659-9282
Cargo Shipping	Carlile / K&W Transporting		659-2398
Fuel			
Fuel Stations	Phone	Fuel Available	Season
Nana Oilfield Services/ Chevron	659-2840		
Bulk Fuel	Phone	Fuel Available	Capacity
Multiple & Various			
Communications and Utilities			
	Name/Service Provider		Phone
Telephone (Landline)	Arctic Slope Telephone Association Cooperative		
Telephone (Cellular)	GCI ACS		

Internet Service Provider	Arctic Slope Telephone Association Cooperative	
Electricity Provider	TDX Power	659-2559
Primary Water Supply System:	Piped Water System	
Primary Sewage System:	Indoor Plumbing	

#### **SPILL RESPONSE SUPPORT**

Significant spill response equipment and support facilities are located in the Deadhorse/Prudhoe Bay area. If a responsible party requires assistance or additional supplies, arrangements can be made through Mutual Aid partnerships. A list of Alaska Clean Seas equipment is available in the "Yearbook" which is updated annually and available at: [www.alaskacleanseas.org](http://www.alaskacleanseas.org)

Arrangements for facilities to serve as command posts, operations centers or meeting facilities can be made through industries/corporations operating in the Prudhoe Bay area.

**Are there any limiting factors in the community for supporting a large spill response effort? Examples are restricted food supply, seasonal water rationing, lack of lodging, waste-water restrictions, etc.**

**What are the top two sensitive areas (*environmental or cultural*) to be protected in case of an oil spill?**

<b>Location</b>	<b>Latitude &amp; Longitude</b>	<b>Reason for protection</b>

#### **Economy:**

The Prudhoe Bay oil fields provide some 2-3% of the nation's domestic oil supply and employ over 5,000 individuals in drilling, pipeline operations, cargo transportation, and a variety of support positions. U.S. Census population and employment figures reflect only permanent residents of Deadhorse and Prudhoe Bay -- most oil field workers travel home to Anchorage or the lower 48 when off duty. Pre-arranged tours are available through various tour companies.

#### **Culture & Demographics:**

Prudhoe Bay is a large work camp for the oil industry. All residents are employees of oil-drilling or oil-production and support companies and work long consecutive shifts. Living quarters and food are provided to the workforce.

## **KAKTOVIK**

**Pronunciation:** (kack-TOH-vick); includes Barter Island

**Population:** 239 (2010 U.S. Census)

**Incorporation Type:** 2nd Class City

**Borough Located In:** North Slope Borough

### **Location & Climate:**

Kaktovik lies on the north shore of Barter Island, between the Okpilak and Jago Rivers on the Beaufort Sea coast. Kaktovik is 90 miles west of the Canadian border and 280 miles southeast of Barrow. The ruins of old Kaktovik can be seen from the road linking the village to the airport. It lies in the 19.6-million-acre Arctic National Wildlife Refuge, an occasional calving ground for the porcupine caribou herd.

70.132 North Latitude and 143.624 West Longitude.

Sec. 13, T009N, R033E, Umiat Meridian

The climate of Kaktovik is arctic. Temperatures range from -56 to 78 °F. Precipitation is light, averaging 5 inches, with snowfall averaging 20 inches.

<b>EMERGENCY SERVICES</b>			
<b>Police</b>	852-6111	<b>Fire,</b> Kaktovik VFD	640-6212
<b>VPSO</b>		<b>EMS</b>	Contact VFD
<b>Alaska State Troopers,</b> <b>Barrow</b>	852-3783	<b>Clinic,</b> <b>Kaktovik Clinic</b>	640-6413

<b>LOCAL ORGANIZATIONS AND STAKEHOLDERS</b>			
	<b>Name</b>	<b>Phone</b>	<b>Fax</b>
<b>City</b>	City of Kaktovik	640-6313	640-6314
	Primary Contact: City Clerk		
<b>Village/Tribal Council</b>	Kaktovik Village (aka: Barter Island)	640-2042	640-2044
	Primary Contact: [INSERT TITLE, President, Administrator, Admin Asst.]		
	Environmental Coordinator:		
<b>School</b>	Harold Kaveolook School	640-6626	
<b>School District</b>	North Slope Borough Schools	852-5311	
<b>Village Corporation</b>	Kaktovik Inupiat Corporation	640-6120	640-6217
<b>Regional Native Corporation</b>	Arctic Slope Regional Corp	339-6000 (Anch.) 852-8633 (Barrow)	339-6028
<b>OTHER</b>			

<b>TRANSPORTATION</b>		
<b>ROAD:</b>	Accessible by road?	No road access.
<b>AIR:</b>	Airline service available from Fairbanks & Barrow	Scheduled and charter flights available.
<b>WATER:</b>	Accessible by boat?	Seasonal marine vessel traffic.
<b>Local Transportation and Services</b>		
Local Transportation:		ATV & Snowmachines, limited truck use
Local Roads and Trails:		"Cat-trains" transport cargo from the Trans-Alaska pipeline haul road during winter months
Vehicle Rental:		
Airline Services:		Era Aviation
Docking Facilities:		

Barge Service Schedule/Frequency:	Summer months
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LOCAL SERVICES AND FACILITIES			
<b>Lodging &amp; Food</b>			
<b>Housing Facility</b>	<b>Point of Contact</b>	<b>Phone</b>	
Waldo Arms Hotel		640-6513	
Capacity:	Food Service Available: Unknown Kitchen Available: Unknown	Season:	
Happy Valley Lodge		640-6513	
Capacity:	Food Service Available: Unknown Kitchen Available: Unknown	Season:	
<b>Food Service &amp; Groceries</b>			
<b>Name/Facility</b>	<b>Type</b>	<b>Season</b>	<b>Phone</b>
General Store	Groceries		
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
<b>Supplies &amp; Other Services</b>			
	<b>Name</b>	<b>Phone</b>	
General Store	Kaktovik Inupiat Corporation/General Store (groceries, clothing, first-aid supplies, hardware, camera film and sporting goods)		
Hardware Store			
Washeteria			
Bank or ATM			
Other Services:	Fuel: marine gas, diesel, propane, unleaded and regular. Auto & Aircraft repair services Charter aircraft service is available.		
<b>Fuel</b>			
<b>Fuel Stations</b>	<b>Phone</b>	<b>Fuel Available</b>	<b>Season</b>
[Name/Operator]		marine gas, diesel, propane, unleaded and regular	
<b>Bulk Fuel</b>	<b>Phone</b>	<b>Fuel Available</b>	<b>Capacity</b>
[Name/Operator]			
No information available.			
<b>Communications and Utilities</b>			
	Name/Service Provider		
Telephone (Landline)	AT&T Alascom, GCI, Arctic Slope Telephone		
Telephone (Cellular)	GCI		

Internet Service Provider	GCI	
Electricity Provider	North Slope Borough Power & Light, 852-0340	
Primary Water Supply System:		
Primary Sewage System:		
Telephone (Landline)	Water is delivered by truck to holding tanks; all homes have running water in the kitchen.	
Telephone (Cellular)		
	Indoor Plumbing/ Piped & Haul System	

SPILL RESPONSE SUPPORT			
The following facilities may be available to support a spill response. Contact local communities for additional information.			
Potential Command Posts, Operations Centers or Meeting Facilities			
Facility Name or Location	Contact (organization & phone)	Capacity/ Size	Internet
			Yes / No
Potential Staging Areas			
Facility Name or Location	Contact (organization & phone)	Capacity/ Size	
Local Spill Response Equipment			
Facility Name or Location	Contact (organization & phone)	Quantity	
Boom, sorbent pads, etc.			
Backhoe			
Bulldozer			
Dump truck or similar			
[other]			
[other]			
Are there any limiting factors in the community for supporting a large spill response effort? Examples are restricted food supply, seasonal water rationing, lack of lodging, waste-water restrictions, etc.			
What are the <u>top two</u> sensitive areas ( <i>environmental or cultural</i> ) to be protected in case of an oil spill?			
Location	Latitude & Longitude	Reason for protection	

**Economy:**

Economic opportunities in Kaktovik are limited due to the community's isolation, and unemployment is high. Most employment is in education, the North Slope Borough, or city services. Part-time seasonal jobs, such as construction projects, provide income.

Like other communities in the region, subsistence hunting, fishing and whaling play a major role in the local economy. Hunting in the nearby area is for Dall sheep, moose, caribou, and fox. The community also produces arts and crafts for sale such as etched baleen, carved ivory and masks. About one in every five household heads in Kaktovik receive monies from craft income.

**Culture & Demographics:**

Due to Kaktovik's isolation, the village has maintained its Inupiat Eskimo traditions. In the 2010 U.S. Census, 90% of residence identified as all or part Alaska Native, mostly Inupiat Eskimo. Subsistence is highly dependent upon caribou.



## **NUIQSUT**

**Pronunciation:** (new-WICK-sit); var. Nooiksut

**Population:** 402 (2010 U.S. Census Population)

**Incorporation Type:** 2nd Class City

**Borough Located In:** North Slope Borough

### **Location & Climate:**

Nuiqsut is located on the west bank of the Nechelik Channel of the Colville River Delta, about 35 river miles/18 air miles from the Beaufort Sea coast. It is 135 miles southeast of Barrow. The Colville River Delta has traditionally been a gathering and trading place for the Inupiat, and a good source for hunting and fishing. The Alpine Oilfield is eight miles from the village of Nuiqsut and a portion of the oilfield is on lands owned by Kuukpik Corporation and ASRC.

70.217 North Latitude and 150.976 West Longitude.

Sec. 18, T010N, R005E, Umiat Meridian

The climate is arctic. Temperatures range from -56 to 78 °F. On average, the daily minimum temperature is below freezing 297 days each year. Annual precipitation is light, averaging 5 inches, with 20 inches of snowfall.

<b>EMERGENCY SERVICES</b>			
<b>Police, North Slope Borough</b>	852-6111	<b>Fire, Nuiqsut VFD</b>	480-6613
<b>VPSO</b>		<b>EMS</b>	Contact VFD
<b>Alaska State Troopers, Barrow</b>	852-3783	<b>Clinic, Nuiqsut Clinic</b>	480-6720

<b>LOCAL ORGANIZATIONS AND STAKEHOLDERS</b>			
	<b>Name</b>	<b>Phone</b>	<b>Fax</b>
<b>City</b>	City of Nuiqsut	480-6727	480-6928
	<b>Primary Contact:</b> City Clerk		
<b>Village/Tribal Council</b>	Native Village of Nuiqsut	480-3010	480-2714
	<b>Primary Contact:</b> [INSERT TITLE, President, Administrator, Admin Asst.]		
	<b>Environmental Coordinator:</b>		
<b>School</b>	Nuiqsut Trapper School	480-6712	
<b>School District</b>	North Slope Borough Schools	852-5311	
<b>Village Corporation</b>	Kuukpik Corporation	480-6220	480-6126
<b>Regional Native Corporation</b>	Arctic Slope Regional Corp	339-6000 (Anch.) 852-8633 (Barrow)	339-6028
<b>OTHER</b>			

<b>TRANSPORTATION</b>		
<b>ROAD:</b>	Accessible by road?	Nuiqsut residents have access to the Dalton Highway four months of the year.
<b>AIR:</b>	Airline service available from Barrow	Scheduled and chartered flights available.
<b>WATER:</b>	Accessible by boat?	Residents use boats on Colville River.
<b>Local Transportation and Services</b>		
Local Transportation:		Snowmachines and ATVs

Local Roads and Trails:	
Vehicle Rental:	TC Rental, Rosies Taxi Rental
Airline Services:	Freight arrives year-round by air cargo. Airlines: Era Aviation
Docking Facilities:	None
Barge Service Schedule/Frequency:	No regular service.

LOCAL SERVICES AND FACILITIES			
Lodging & Food			
Housing Facility	Point of Contact	Phone	
Borough Bunkhouse	UNKNOWN/INSERT	UNKNOWN/INSERT	
Capacity: ??	Food Service Available: Yes/No Kitchen Available: Yes/No	Season:	
Kuukpik Corporation hotel		480-6220	
Capacity:	Food Service Available: Yes/No Kitchen Available: Yes/No	Season:	
Food Service & Groceries			
Name/Facility	Type	Season	Phone
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
Supplies & Other Services			
	Name	Phone	
General Store			
Hardware Store			
Washeteria			
Bank or ATM			
[Other]	Supplies available in town include groceries, clothing, first-aid supplies, hardware, camera film and sporting goods. Available fuel includes marine gas, diesel, propane, white gas kerosene and regular gasoline.		
Fuel			
Fuel Stations	Phone	Fuel Available	Season
[Name/Operator]			
Bulk Fuel	Phone	Fuel Available	Capacity
NSB Fuel Station			468,000
NSB Fire/Rescue			8,000
NSB Municipal			32,000
NSB Electric			160,000
City			10,000

NSB Schools			2,750
NSB Clinic			6,500
NSB Police			1,100
NSB old Public Safety			2,000
Assembly of God			1,100
Kuukpik Presbyterian Church			2,000
Communications and Utilities			
	Name/Service Provider		Phone
Telephone (Landline)	AT&T Alascom, GCI, Arctic Slope Telephone		
Telephone (Cellular)	GCI		
Internet Service Provider	GCI		
Electricity Provider	North Slope Borough Power & Light, 852-0340		
Local Power Plant			
Home & Building Heating	The Alpine Oil Field provides piped natural gas to Nuiqsut, which decreases the cost of running the diesel electric generator and heating homes and other facilities.		
Primary Water Supply System:	A majority of homes have running water to the kitchen. Water is hauled to homes/facilities.		
Primary Sewage System:	Majority Indoor Plumbing (haul system or septics)		

SPILL RESPONSE SUPPORT			
<i>The following facilities may be available to support a spill response. Contact local communities for additional information.</i>			
Potential Command Posts, Operations Centers or Meeting Facilities			
Facility Name or Location	Contact (organization & phone)	Capacity/ Size	Internet
			Yes / No
Potential Staging Areas			
Facility Name or Location	Contact (organization & phone)	Capacity/ Size	
Local Spill Response Equipment			
Facility Name or Location	Contact (organization & phone)	Quantity	
Boom, sorbent pads, etc.			
Backhoe			

Bulldozer		
Dump truck or similar		
[other]		
[other]		
<b>Are there any limiting factors in the community for supporting a large spill response effort? Examples are restricted food supply, seasonal water rationing, lack of lodging, waste-water restrictions, etc.</b>		
<b>What are the <u>top two</u> sensitive areas (<i>environmental or cultural</i>) to be protected in case of an oil spill?</b>		
<b>Location</b>	<b>Latitude &amp; Longitude</b>	<b>Reason for protection</b>

### **Economy:**

Unemployment is high in Nuiqsut. The Kuukpik Native Corporation, school, borough services, and store provide most of the year-round employment in the village. Trapping and craft-making provide some income. Caribou, bowhead and beluga whale, seal, moose, and fish are staples of the diet. Polar bears are also hunted.

### **Culture & Demographics:**

In the 2010 U.S. Census, 90% of residence identified as all or part Alaska Native, mostly Inupiat Eskimo. Residents practice a traditional subsistence lifestyle.

During the early 20th century, Christian missionaries were introduced to the Barrow region. This movement, along with the emergence of healthcare services and schools provided by the Bureau of Indian Affairs, prompted the Inupiat from Nuiqsut to immigrate to Barrow. The old village of Nuiqsut (Itqilippaa) was abandoned in the late 1940s, because there was no school. In 1973, 27 Inupiat families moved back to Nuiqsut from Barrow, and lived in tents braving the elements for over 18 months. In 1974, the Arctic Slope Regional Corporation funded construction of the village.

## **POINT HOPE**

**Population:** 674 (2010 U.S. Census Population)

**Incorporation Type:** 2nd Class City

**Borough Located In:** North Slope Borough

### **Location & Climate:**

Point Hope is located near the end of a triangular spit, the Point Hope peninsula, jutting 15 miles into the Chukchi Sea, 250 miles southwest of Barrow. The peninsula is a large gravel spit that forms the westernmost extension of the northwest Alaska coast. Erosion and a threat of storm flooding from the Chukchi Sea led to its relocation to higher ground in the mid-1970s

68.348 North Latitude and 166.808 West Longitude.

Sec. 16, T034N, R035W, Kateel River Meridian

The climate is arctic. Temperatures range from -49 to 78 °F. Precipitation is light, averaging only 10 inches annually, with 36 inches of snowfall. The Chukchi Sea is ice-free from late June until mid-September.

<b>EMERGENCY SERVICES</b>			
<b>Police, North Slope Borough</b>	852-6111	<b>Fire, Point Hope VFD</b>	368-2774
<b>VPSO</b>		<b>EMS</b>	Contact VFD
<b>Alaska State Troopers, Barrow</b>	852-3783	<b>Clinic, Point Hope Clinic</b>	368-2234

<b>LOCAL ORGANIZATIONS AND STAKEHOLDERS</b>			
	<b>Name</b>	<b>Phone</b>	<b>Fax</b>
<b>City</b>	City of Point Hope	368-2537	368-2835
	<b>Primary Contact:</b> City Manager		
<b>Village/Tribal Council</b>	Native Village of Point Hope	368-2330	368-2332
	<b>Primary Contact:</b> [INSERT TITLE, President, Administrator, Admin Asst.]		
	<b>Environmental Coordinator:</b>		
<b>School</b>	Tikigaq School	368-2662/ 368-2663	
<b>School District</b>	North Slope Borough Schools	852-5311	
<b>Village Corporation</b>	Tigara Corporation	365-6299	365-6250
<b>Regional Native Corporation</b>	Arctic Slope Regional Corp	339-6000 (Anch.) 852-8633 (Barrow)	339-6028
<b>OTHER</b>			

<b>TRANSPORTATION</b>		
<b>ROAD:</b>	Accessible by road?	No
<b>AIR:</b>	Airline service available from Barrow & Kotzebue	Scheduled and charter flights available.
<b>WATER:</b>	Accessible by boat?	Yes, Late-June thru Mid-September
<b>Local Transportation and Services</b>		
Local Transportation:		Skiffs, umiats (skin boats), and snowmachines and ATVs are used for local transportation.
Local Roads and Trails:		
Vehicle Rental:		None identified
Airline Services:		Airlines: Bering Air (from Kotzebue), Era Aviation (Barrow or

	Kotzebue)
Docking Facilities:	None identified
Barge Service Schedule/Frequency:	Summer months

LOCAL SERVICES AND FACILITIES			
Lodging & Food			
Housing Facility	Point of Contact	Phone	
Whalers Inn		365-6299	
Capacity:	Food Service Available: Yes, adjacent restaurant Kitchen Available: Yes/No	Season:	
Food Service & Groceries			
Name/Facility	Type	Season	Phone
Tikigaq Corporation General Store	General Store/Groceries		
Whaler's Inn Restaurant	Restaurant		
	[Restaurant/Cafeteria/Grocery Store]		
	[Restaurant/Cafeteria/Grocery Store]		
Supplies & Other Services			
	Name	Phone	
General Store	Tikigaq Corporation General Store - groceries, clothing, first-aid supplies, hardware, camera film and sporting goods		
Hardware Store			
Washeteria			
Bank or ATM			
[Other]			
Fuel			
Fuel Stations	Phone	Fuel Available	Season
Unknown		marine gas, diesel, propane, unleaded, regular and supreme	
Tank Farm	Phone	Fuel Available	Capacity
[Name/Operator]			
Communications and Utilities			
	Name/Service Provider		
Telephone (Landline)	AT&T Alascom, GCI, Arctic Slope Telephone		
Telephone (Cellular)	GCI		
Internet Service Provider	GCI		
Electricity Provider	North Slope Borough Power & Light, 852-0340		

Local Power Plant	
School Power Plant	
Primary Water Supply System:	A number of homes have water tanks with delivery, which provides running water for kitchens; others haul water.
Primary Sewage System:	Indoor Plumbing & Honeybuckets

### SPILL RESPONSE SUPPORT

*The following facilities may be available to support a spill response. Contact local communities for additional information.*

#### Potential Command Posts, Operations Centers or Meeting Facilities

Facility Name or Location	Contact (organization & phone)	Capacity/ Size	Internet Yes / No
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#### Potential Staging Areas

Facility Name or Location	Contact (organization & phone)	Capacity/ Size
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#### Local Spill Response Equipment

Facility Name or Location	Contact (organization & phone)	Quantity
Boom, sorbent pads, etc.		
Backhoe		
Bulldozer		
Dump truck or similar		
[other]		
[other]		

**Are there any limiting factors in the community for supporting a large spill response effort? Examples are restricted food supply, seasonal water rationing, lack of lodging, waste-water restrictions, etc.**

**What are the top two sensitive areas (environmental or cultural) to be protected in case of an oil spill?**

Location	Latitude & Longitude	Reason for protection
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#### **Economy:**

Point Hope is the second largest city on the North Slope. The local economy is largely based on subsistence hunting, fishing and whaling. The Borough employs more than 18 percent of the working population and the school district employs 26 percent. Close to forty percent of the labor force works in the private sector.

Residents produce a wide array of arts and crafts for sale including carved ivory, baleen baskets, whale bone, masks, caribou skin masks, etched baleen, Eskimo parkas, ivory-tipped harpoons and bird spears.

### **Culture & Demographics:**

In the 2010 U.S. Census, Alaska Natives, primarily Inupiat Eskimos made up 93 percent of Point Hope's population. Point Hope residents (Tikeraqmut Inupiat Eskimos) are dependent upon marine subsistence. This highly favorable site, with its abundant resources, has enabled the Tikeraqmut to retain strong cultural traditions after more than a century of outside influences.

This Point Hope peninsula is one of the longest continually inhabited areas in North America. Some of the earliest residents came here for bowhead whaling some 2,000 years ago after crossing the Siberian land bridge.

Visitors to the area can see the remains of Old Tigara Village, a prehistoric site with the remains of sod houses. There is an even earlier site with about 800 house pits known as Ipiutak, occupied from about 500 BC to 100 AD. Ipiutak and the surrounding archaeological district are on the National Register of Historic Places. In addition to the prehistoric village sites, there are old burial grounds in the area including a cemetery marked by large whale bones standing on end.



## **POINT LAY**

**Also Known As: Kali**

**Population:** 189 (2010 U.S. Census Population)

**Incorporation Type:** Unincorporated

**Borough Located In:** North Slope Borough

### **Location & Climate:**

Point Lay is located on the Chukchi Sea coast, protected from the ocean by the Kasugluk Lagoon. It is 150 miles southwest of Barrow. Kali, the Iñupiat name for the village, means "mound" and refers to the elevated mound on which it stands.

69.736 North Latitude and 163.012 West Longitude.

Sec. 26, T005N, R045W, Umiat Meridian

The climate is arctic. Temperatures range from -55 to 78 °F. Precipitation is light, averaging 7 inches annually, with 21 inches of snow. The Chukchi Sea is ice-free from late June until September.

### **EMERGENCY SERVICES**

<b>Police,</b>	852-6111	<b>Fire, Point Lay VFD</b>	833-2714
<b>North Slope Borough</b>			
<b>VPSO</b>		<b>EMS</b>	Contact VFD
<b>Alaska State Troopers,</b>	852-3783	<b>Clinic, Point Lay Clinic</b>	833-2526
<b>Barrow</b>			

### **LOCAL ORGANIZATIONS AND STAKEHOLDERS**

	<b>Name</b>	<b>Phone</b>	<b>Fax</b>
<b>Village/Tribal Council</b>	Native Village of Point Lay	833-2575	833-2576
	Primary Contact: [INSERT TITLE, President, Administrator, Admin Asst.]		
	Environmental Coordinator:		
<b>School</b>	Kali School	833-2311	
<b>School District</b>	North Slope Borough Schools	852-5311	
<b>Village Corporation</b>	Cully Corporation	569-2705	569-2715
<b>Regional Native Corporation</b>	Arctic Slope Regional Corp	339-6000 (Anch.)	339-6028
<b>OTHER</b>		852-8633 (Barrow)	

### **TRANSPORTATION**

<b>ROAD:</b>	Accessible by road?	No
<b>AIR:</b>	Airline service available from Barrow	Scheduled and chartered air service is available
<b>WATER:</b>	Accessible by boat?	Seasonal access (Late June thru Mid-September)
<b>Local Transportation and Services</b>		
Local Transportation:		Snowmachines and ATVs
Local Roads and Trails:		Seasonal land transportation
Vehicle Rental:		None identified
Airline Services:		Airlines: Era Aviation
Docking Facilities:		
Barge Service Schedule/Frequency:		Barge deliveries during summer months (Late June-September)

### **LOCAL SERVICES AND FACILITIES**

Lodging & Food			
Housing Facility	Point of Contact		Phone
<i>None identified</i>			
Capacity:	Food Service Available: Yes/No Kitchen Available: Yes/No		Season:
[Name 2]			
Capacity:	Food Service Available: Yes/No Kitchen Available: Yes/No		Season:
Food Service & Groceries			
Name/Facility	Type	Season	Phone
Native Village General Store	Groceries		
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
	[Restaurant/Cafeteria/ Grocery Store]		
Supplies & Other Services			
	Name	Phone	
General Store	Native Village of Point Lay/General Store (groceries and clothing). Available fuel in town includes propane, diesel and regular gasoline		
Hardware Store			
Washeteria			
Bank or ATM			
[Other]			
Fuel			
Fuel Stations	Phone	Fuel Available	Season
NSB Fuel Station		propane, diesel and regular gasoline	
Bulk Fuel	Phone	Fuel Available	Capacity (gallons)
NSB Power Plant			10,000
NSB Fire			7,000
NSB Maintenance			5,000
NSB Clinic			6,000
NSB Schools			10,000
NSB Fuel Station			548,000
Communications and Utilities			
	Name/Service Provider		
Telephone (Landline)	AT&T Alascom, GCI, Arctic Slope Telephone		
Telephone (Cellular)	GCI		
Internet Service Provider	GCI		
Electricity Provider	North Slope Borough Power & Light, 852-0340		
Local Power Plant			

School Power Plant	
Primary Water Supply System:	Households have water delivered to home tanks, which allows running water for the kitchen.
Primary Sewage System:	Unknown

### **SPILL RESPONSE SUPPORT**

*The following facilities may be available to support a spill response. Contact local communities for additional information.*

#### **Potential Command Posts, Operations Centers or Meeting Facilities**

Facility Name or Location	Contact (organization & phone)	Capacity/ Size	Internet Yes / No
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#### **Potential Staging Areas**

Facility Name or Location	Contact (organization & phone)	Capacity/ Size
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#### **Local Spill Response Equipment**

Facility Name or Location	Contact (organization & phone)	Quantity
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Boom, sorbent pads, etc.

Backhoe

Bulldozer

Dump truck or similar

[other]

[other]

**Are there any limiting factors in the community for supporting a large spill response effort? Examples are restricted food supply, seasonal water rationing, lack of lodging, waste-water restrictions, etc.**

**What are the top two sensitive areas (*environmental* or *cultural*) to be protected in case of an oil spill?**

Location	Latitude & Longitude	Reason for protection
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#### **Economy:**

Most year-round employment opportunities are with the borough government or the school. Subsistence activities provide food sources.

**Culture & Demographics:**

In the 2010 U.S. Census, Alaska Natives, primarily Inupiat Eskimos made up 93 percent of Point Lay's population. Point Lay is a traditional Inupiat Eskimo village, with a dependence upon subsistence activities. Seals, walrus, beluga, caribou, and fish are staples of the diet. The deeply indented shoreline prevented effective bowhead whaling and the village never fully participated in the whaling culture. The village's traditional hunt of the beluga whales is similar to the bowhead whaling culture in other North Slope villages.

Point Lay is probably the last remaining village of the Kuukpaagruk people.

## **WAINWRIGHT**

**Pronunciation:** (WANE-rite)

**Population:** 556 (2010 U.S. Census Population)

**Incorporation Type:** 2nd Class City

**Borough Located In:** North Slope Borough

### **Location & Climate:**

Wainwright sits on a wave-eroded coastal bluff of a narrow peninsula which separates Wainwright Inlet from the Chukchi Sea. It is 3 miles northeast of the Kuk River estuary and about 70 miles southwest of Barrow.

70.637 North Latitude and 160.038 West Longitude.

Sec. 26, T005N, R045W, Umiat Meridian

The climate is arctic. Temperatures range from -56 to 80 °F. Precipitation is light, averaging 5 inches annually, with 12 inches of snow. The Chukchi Sea is ice-free from mid-July through September.

### **EMERGENCY SERVICES**

<b>Police,</b>	852-6111	<b>Fire, Wainwright VFD</b>	763-2728
<b>North Slope Borough</b>			
<b>VPSO</b>		<b>EMS</b>	Contact VFD
<b>Alaska State Troopers,</b>	852-3783	<b>Clinic, Wainwright</b>	763-2714
<b>Barrow</b>		<b>Health Clinic</b>	

### **LOCAL ORGANIZATIONS AND STAKEHOLDERS**

	<b>Name</b>	<b>Phone</b>	<b>Fax</b>
<b>City</b>	City of Wainwright Primary Contact: City Clerk	763-2815	763-2811
<b>Village/Tribal Council</b>	Village of Wainwright Primary Contact: [INSERT TITLE, President, Administrator, Admin Asst.] Environmental Coordinator:	763-2726	763-2536
<b>School</b>	Alak School	763-2541	
<b>School District</b>	North Slope Borough Schools	852-5311	
<b>Village Corporation</b>	Olgoonik Corporation	763-2614	763-2926
<b>Regional Native Corporation</b>	Arctic Slope Regional Corp	339-6000 (Anch.) 852-8633 (Barrow)	339-6028
<b>OTHER</b>			

### **TRANSPORTATION**

<b>ROAD:</b>	Accessible by road?	No
<b>AIR:</b>	Airline service available from Barrow	Scheduled and chartered flights available. Air travel provides only year-round access.
<b>WATER:</b>	Accessible by boat?	
<b>Local Transportation and Services</b>		
Local Transportation:		Skiffs, ATVs, and snowmachines
Local Roads and Trails:		
Vehicle Rental:		Inlet Taxi; Other taxis: Kavik Taxi
Airline Services:		Airlines: Era Aviation

Docking Facilities:	
Barge Service Schedule/Frequency:	Barge service during summer months (Late June thru mid-Sept)

LOCAL SERVICES AND FACILITIES			
Lodging & Food			
Housing Facility	Point of Contact	Phone	
Olgoonik Hotel		763-2514	
Capacity: 12 rooms	Food Service Available: Yes, attached restaurant Kitchen Available: No	Season:	
High School	Alak School	763-2541	
Capacity:	Food Service Available: No Kitchen Available: Unknown	Season:	
Food Service & Groceries			
Name/Facility	Type	Season	Phone
Wainwright Cooperative Association	Prepared entrees, groceries		
Olgoonik Hotel & Restaurant	Restaurant		
Supplies & Other Services			
	Name	Phone	
General Store	Wainwright Cooperative Association (groceries, clothing, first-aid supplies, hardware, camera film and sporting goods)		
Hardware Store			
Washeteria			
Bank or ATM			
[Other]			
Fuel			
Fuel Stations	Phone	Fuel Available	Season
Olgoonik Corp. Fuel Station		marine gas, diesel, propane, unleaded, regular and supreme	
Bulk Fuel	Phone	Fuel Available	Capacity(gallons)
NSB Schools/Olgoonik Corp. Fuel Station			908,000
NSB Schools			10,000
City			2,400
Olgoonik Corp.			50,000
NSB Water			10,000
NSB Fire			7,500
NSB Sewage			1,500
NSB Power)			500,000

SKW/Eskimos			1,000
Olgoonik Hotel & Restaurant			1,500
NSB Clinic			6,000
<b>Communications and Utilities</b>			
	Name/Service Provider		
Telephone (Landline)	AT&T Alascom, GCI, Arctic Slope Telephone		
Telephone (Cellular)	GCI		
Internet Service Provider	GCI		
Electricity Provider	North Slope Borough Power & Light, 852-0340		
Local Power Plant			
School Power Plant			
Primary Water Supply System:	Piped Water System/ Central Watering Point (Haul)/ Water Truck Delivery		
Primary Sewage System:	Indoor Plumbing (Piped Sewer or Septic System)/ Honeybuckets/ Outhouses		

#### **SPILL RESPONSE SUPPORT**

*The following facilities may be available to support a spill response. Contact local communities for additional information.*

#### **Potential Command Posts, Operations Centers or Meeting Facilities**

Facility Name or Location	Contact (organization & phone)	Capacity/ Size	Internet Yes / No
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#### **Potential Staging Areas**

Facility Name or Location	Contact (organization & phone)	Capacity/ Size
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#### **Local Spill Response Equipment**

Facility Name or Location	Contact (organization & phone)	Quantity
Boom, sorbent pads, etc.		
Backhoe		
Bulldozer		
Dump truck or similar		
[other]		
[other]		

**Are there any limiting factors in the community for supporting a large spill response effort? Examples**

are restricted food supply, seasonal water rationing, lack of lodging, waste-water restrictions, etc.

What are the top two sensitive areas (*environmental or cultural*) to be protected in case of an oil spill?

Location	Latitude & Longitude	Reason for protection
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**Economy:**

Economic opportunities in Wainwright are influenced by its proximity to Barrow and the fact that it is one of the older, more established villages. Most of the year-round positions are in borough services.

Wainwright has a larger private sector than most villages: 38 percent of the work force is employed by private businesses, primarily the village and regional corporations. The Borough employs 30 percent of the work force and the School District provides jobs for another 25 percent.

Sale of local Eskimo arts and crafts supplement income.

**Culture & Demographics:**

Most Wainwright inhabitants are Inupiat Eskimos who practice a subsistence lifestyle. Their ancestors were the Utukamiut (people of the Utukok River) and Kukmiut (people of the Kuk River).

Wainwright's subsistence hunting revolves primarily around Bowhead and beluga whales and caribou. Seal, walrus, polar bear, birds, and fish are also harvested. Local arts and crafts include carved ivory figurines and jewelry, baleen boats, whale bone carvings, clocks, knitted caps and gloves.



## **RESOURCES: PART TWO – EQUIPMENT**

This section highlights the major resources and quantities of response-related equipment that may be available for the Cook Inlet subarea. Summary information such as this will be valuable during spill response planning and especially during actual spill responses. The listing provides information on both local resources and those resources that may be available from outside the immediate area since a significant spill event would most likely require resources from other locations. For more detailed equipment inventories for the other regions of the state, consult the appropriate subarea contingency plan for the particular region. Also, see the **Unified Plan, Annex E, Appendix I: Equipment**, for general information on Alaska.

Actual availability of equipment will depend upon contractual arrangements and agreements between the party owning the equipment and the party desiring to purchase or use the equipment. No prior permission or arrangement for the use of this equipment is implied or granted by the inclusion of any organization's equipment, whether federal, State, local, or privately owned.

Equipment listings are as follows:

### **A. Commercially Available Equipment**

1. Vessels
2. Boom
3. Skimmers
4. Miscellaneous

### **B. Non-Commercially Available Equipment**

1. Federal Spill Response Equipment
2. State Spill Response Equipment

### **C. Industry Spill Cooperative Equipment (Alaska Clean Seas)**

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## A. COMMERCIALLY AVAILABLE EQUIPMENT

### 1. Vessels

A partial listing of towing companies within the state is provided below. The home ports of vessels are provided, but at anytime vessels maybe on contract at distant locations. Due to the relatively low number of in-region tug operators, it may be necessary to mobilize vessels from outside the Subarea. The USCG at Sector Anchorage (271-6700) can provide additional information regarding companies capable of providing marine-towing resources. Subarea plans for other Alaskan regions may provide additional references.

VESSEL OPERATORS						
Company	Types of Vessels Available	Home Port(s)	Coverage Area (In Alaska)	Phone	Comments	Transport HazMat?
Anderson Tug and Barge	Two Tugs, 1 barge	Seward	SouthCentral and throughout AK	224-5506	Provides ship assists, marine towing, and charter barge service. Tugs draw 10 ft draft.	No
Bering Marine Corp.	Shallow water accessible and sea-faring vessels	Prudhoe Bay, Bethel & Juneau (Seasonal); Anchorage (HQ)	North Slope, capable to respond through Alaska	659-2644 – Prudhoe Bay 248-7646 – Anchorage	<a href="http://www.lynden.com/bmc/">www.lynden.com/bmc/</a> Provide equipment & materials transport and construction assistance. Oil spill response assistance available. (A Lynden Transport subsidiary)	Unknown
Bowhead Transportation	Containers & Platforms; two landing crafts; one Lighterage Barge	Barrow (HQ); Kaktovik; Point Hope; Point Lay; Wainwright; Cape Lisburne; Cape Simpson; Prudhoe Bay	Northwestern Alaska and North Slope.	800-347-0049	<a href="http://www.bowhead.com/">www.bowhead.com/</a> Bowhead is a wholly owned subsidiary of Ukpeagvik Iñupiat Corporation	Yes
Crowley Alaska, Inc.	Tugs, Barges, CATCOs	Anchorage	Coastal Alaska – to North Slope. Interior Alaska - along the Kuskokwim and Yukon rivers.	278-4978	<a href="http://www.crowley.com/">www.crowley.com/</a> DBA: Yukon Fuel Co. & Yutana Barge Line	Yes
Dunlap Towing	4300 HP ship-assist tug	Dutch Harbor	Dutch Harbor	581-2733	<a href="http://www.dunlaptowing.com">www.dunlaptowing.com</a>	No
Magone Marine Services	Towing vessel, dive vessel, work barges	Dutch Harbor	Aleutians	581-1400	<a href="http://www.magonemarine.com">www.magonemarine.com</a> Provides emergency repair, salvage, diving, and incident response services.	
Pacific Coast Marine	Tractor Tug	Dutch Harbor	Aleutians	581-1664	Tug Gyrfalcon provides towing service	

## 2. Containment Boom

BOOM INVENTORY								
Owner	Location	Type/Size	Length (Ft)	Lbs/Ft Est.*	Design Use	Contact	Work #	24-Hr #
COMMERCIAL VESSELS OPERATING ON THE YUKON RIVER AND TRIBUTARIES SHOULD HAVE ADEQUATE BOOM TO CONTAIN SPILLS ORIGINATING FROM THEIR VESSELS.								
ADDITIONAL COMMERCIALLY AVAILABLE BOOM WILL BE SUPPLIED BY THE RESPONSIBLE PARTY OR WILL NEED TO BE CONTRACTED FROM VENDORS IN OTHER REGIONS OF THE STATE.								

## 3. Skimmers

SKIMMER INVENTORY								
Owner	Location	Contact	Type	Qty	Nameplate Capacity Bbl/Hr	20% Capacity Derated	12 Hr Recovery Derated Bbls	24 Hr Recovery Derated Bbls

## 4. Miscellaneous

Category	Vendor	Description	Location	Contact
Ore Containers	Lynden Inc.	12 ft & 18 ft	Anchorage	
Camp/Lodging Equipment	Bering Marine	ATCO Units (for lodging, offices, storage, kitchen/diner, lavatory/shower etc.)	Anchorage	
Sorbents	Arctic Fire & Safety		Fairbanks	452-7806
Liners	Alaska Tent & Tarp		Fairbanks	456-6328 / 456-5501
Vacuum Trucks	Inland Petroservice		Fairbanks	451-1905 / 456-1919
Level B Personnel	Inland Petroservice		Fairbanks	451-1905 / 456-1919

## **B. NON-COMMERCIALLY AVAILABLE EQUIPMENT**

### **1. Federal Spill Response Equipment**

#### USCG-Maintained Spill Response Equipment

***NOTE:** The USCG Captain of the Port (COTP) is the predesignated FOSC for the Coastal Zone which encompasses all navigable waters seaward of the mean high tide line and an area of shoreline 1,000 yards inland of the coastline. The Environmental Protection Agency is the predesignated FOSC for the Inland Zone which encompasses all lands, rivers, streams, and drainages inland of the 1000-yard wide band which parallels the Alaskan coastline. These zones are clearly defined in the **Unified Plan**. It is possible that incidents may occur in locations that do not fall under federal jurisdiction and there will be no FOSC in these instances. The EPA and U.S. Coast Guard have a Memoranda of Understanding (see **Annex K of the Unified Plan** for a copy of the MOU) that delineates agency and FOSC responsibilities. Either agency may request resources (personnel and equipment) from the other for spill response.*

Neither the USCG nor the EPA have spill response equipment pre-staged in the North Slope Subarea. Equipment would be mobilized from Anchorage (for USCG and EPA) or other locations in Alaska. Current equipment inventory information can be obtained by contacting the Sector Anchorage Response Department at 271-6700 or District Seventeen DRAT at 463-2807.

Standard USCG equipment that may be available for spill response includes the following:

- Anchoring systems
- Generators
- Pumps
- Boom
- Sorbent material
- Portable storage containers
- Personal Protective Equipment (PPE)
- Vessels (various design)

Contact the office listed above for specific equipment available and mobilization options. Generally, government transportation is not available, and commercial vendors will need to be contracted for equipment transport.

#### NAVSUPSALV Spill Response Equipment

Additional federal government equipment is available through the U.S. Navy, Supervisor of Salvage (NAVSUPSALV) in Anchorage. Requests for NAVSUPSALV support should be made through the Alaska Regional Response Team: Contact 907-384-2968 for information. Refer to the **Unified Plan, Annex E, Appendix 1** for a listing of NAVSUPSALV equipment.

#### Other Department of Defense (DOD) Spill Response Equipment

All requests for DOD assets shall be made through the FOSC. The FOSC will forward the request to the USCGD17 Command Center, who will liaison with ALCOM. Funding for all DOD assets will be provided through the OSLTF. If DOD assets are employed in a response, representatives from DOD shall be included in the incident command structure.

## 2. State Spill Response Equipment

**Community Spill Response Agreements (CSRA):** The Alaska Department of Environmental Conservation (ADEC) has entered into formal agreements with communities in Alaska whereby the community may be requested to take initial response actions for a spill in the local area. ADEC will reimburse the community for costs incurred in responding to the spill, including containment and recovery actions, except when the community is responsible for the spill. These local response agreements are intended to maximize the use of existing local resources, provide proper reimbursement, and, where appropriate, provide training in the use of response equipment. In the North Slope Subarea, Barrow is the only community with a CSRA.

Community with CSRA	Community Contact	
	Title	Phone
North Slope Borough	Joe Stankowitz	852-0248

**Spill Response Containers:** ADEC, as the State of Alaska's lead agency for responses to oil and hazardous substance spills, has developed a network of response equipment packages positioned in at-risk areas throughout the state. Many Alaskan communities are isolated from the larger population centers and the spill response equipment that is likely to be available there. This is especially true in North Slope Alaska where many communities are widely separated and reached only by vessel or airplane. To enhance the State's response capability and to assist these remote communities, ADEC has pre-staged across the state packages of spill response materials and equipment stored in steel containers of the "conex" type, which are air transportable. In the North Slope Subarea, ADEC positioned a spill response container at Pump Station 4 of the Trans-Alaska Pipeline. These local equipment response packages provide an immediate on-site response capability that can be accessed by trained personnel in a timely manner. Most of the packages are designed to assist in the initial response and cleanup of nonpersistent oil spills in harbor areas. The tables below provide a listing conex contacts and a list of materials and gear typically stored within a conex.

ADEC Conex Contact Information		
Conex Locations	Contact Title	Phone
Pump Station 4	ADEC NART representative	451-2102

Spill Response Container Inventory <i>(listed are the typical contents stored within a conex, but the inventory of each conex may vary)</i>	
Description	Quantity
Boom (with towing bridle assembly)	1 25-ft section ; 2-50ft sections
Boom Support Equipment (anchors, chains, rope, snap hooks)	assorted
85-gallon overpack drums	2
85 gallon drum liners	30
Standard drum plug wrench (min. 15" in length)	1
100' x 100' 20 mil plastic liner	1
Personal Protective Equipment (PPE)	assorted
Static resistant sorbent pads	2 bundles
Oil sorbent sheets (bundles)	10 bundles
Oil sorbent boom (bundles)	4 bundles
Loose absorbent material	2 bags
Sorbent pad hand wringer - rustproof, steel frame	1
500 gallon storage tank, polyethylene, skid mounted	1
Tools (shovels, sledge hammer, rebar)	assorted

## **C. INDUSTRY/SPILL COOPERATIVE EQUIPMENT**

### **1. Industry Equipment**

BPXA, ConocoPhillips Alaska and other companies operating in the North Slope oilfields have a substantial amount of storage facilities and other equipment as identified in their respective contingency plans. In the event of a spill in these areas, the industry spill response cooperative, Alaska Clean Seas, would provide much of the required response equipment, but industry equipment may be available, particularly when the company is the responsible party (RP).

### **2. Alaska Clean Seas Inventory**

Alaska Clean Seas (ACS) is a non-profit spill response cooperative, with membership companies involved in oil and gas exploration, development, production or pipeline transport activities on the North Slope.

The purpose of ACS is to provide member companies with the trained personnel and equipment in the event of an oil spill or chemical release. ACS must prepare for, respond to and clean up an oil spill resulting from North Slope oil production operations conducted by their industry members. The response area includes the oilfields and the Trans Alaska Pipeline (TAPS) from Pump Station 1 in Prudhoe Bay to Pump Station 4 in the Brooks Range north of Atigun Pass. ACS may also respond to non-member spills with authorization by the ASC Board of Directors.

Alaska Clean Seas equipment is listed in the annual edition of the *Yearbook*, a publication produced by ACS. The *Yearbook* is available electronically on the ACS website ([www.alaskacleanseas.org](http://www.alaskacleanseas.org)). For specific questions regarding their spill response equipment assets, contact the ACS Resource Specialist at 659-3212.

The 2006 ACS equipment list is attached below. Please see the ACS website for annual updates in subsequent years (annual updates posted in January).

**[INSERT YEARBOOK.PDF]**

Yearbook page 1 of 10























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## RESOURCES: PART THREE – INFORMATION DIRECTORY

- A. Airports and Air Services
- B. Bird and Wildlife Response
- C. Contractors: BOA and Term
- D. Historic Properties Protection
- E. Emergency Services/Managers
- F. Fishing Fleets and Organizations
- G. Government Contacts and Information
- H. Hospitals
- I. Intake Water-Use Facilities
- J. *Not Used*
- K. *Not Used*
- L. Laboratories
- M. Media
- N. Native Organizations and Federally-Recognized Tribes
- O. Organizations: Environmental, Health, Volunteer
- P. Port Authorities, Harbor Masters, and Marine Pilots
- Q. *Not Used*
- R. Response Agreements
- S. Salvage and Towing Companies
- T. Federal and State Natural Resource Trustee Emergency Contacts
- U. *Not Used*
- V. Vehicles
- W. Weather Service
- WWW. Useful Websites

This Information Directory lists resources and organizations that might be contacted to facilitate appropriate communication, provide additional regionally specific information, or acquire additional equipment and resources. The listings below are not inclusive, and one is advised to consult additional resources for meeting one's needs. This listing of resources can be supplemented by referring to the Unified Plan, other subarea plans, the Yellow Pages and the Internet. The Alaska Department of Commerce, Community and Economic Development's on-line Community Database at [http://www.dced.state.ak.us/dca/commdb/CF\\_COMDB.htm](http://www.dced.state.ak.us/dca/commdb/CF_COMDB.htm) offers other useful information sources not necessarily cited below or in *Part One – Community Profiles*.

## **A. AIRPORTS AND AIR SERVICES**

The first table below provides a brief information listing of airports and landing strips in the North Slope Subarea. The websites listed below can offer a much wider array of information and airport details, including, in some cases, diagrams and aerial photos. The second table below offers a listing of aircraft companies operating in Southeast Alaska. For current runway status, refer to the latest edition of the AK Supplement to the NOAA flight information publication. Additional local information may be available by checking specific community information located in *Part One- Community Profiles* of this section.

### *WEBSITES PROVIDING AVIATION/AIRPORTS INFORMATION*

At the Air Line Data for the Well Informed website, by Data Base Products, information and links (often to [www.airnav.com](http://www.airnav.com)) are provided for airports, including seaplane landing spaces, throughout the State of Alaska: [www.airlinedata.com](http://www.airlinedata.com)

The airnav.com website offers information and useful details on various airport aspects and services availability: [www.airnav.com/airports/](http://www.airnav.com/airports/)

The *GCR & Associates, inc.* website provides unedited information with data derived from the National Flight Data Center FAA Airport Master Record (Form 5010): [www.gcr1.com/5010web/](http://www.gcr1.com/5010web/)

The Alaska DOT provides rural airport information, including a link to diagrams and aerial photos of selected airports: [www.dot.state.ak.us/stwdav/index.shtml](http://www.dot.state.ak.us/stwdav/index.shtml)

The Federal Aviation Administration Alaska Region website offers airport diagrams and aerial photographs: [www.alaska.faa.gov/airports/alaskan\\_airports\\_5010\\_information.htm](http://www.alaska.faa.gov/airports/alaskan_airports_5010_information.htm)

**A list of airport and landing strips in the North Slope Subarea follows:**

AIRPORTS/LANDING STRIPS WITHIN NORTH SLOPE SUBAREA				
Location	Runway Length (feet)	Runway Composition; Lighting	Emergency Fuel	Attendance Remarks; Airport Manager Phone
Anaktuvuk Pass	4,800 ft	Gravel/Lighting	Yes	Attended (all hours); 852-2611
Atqasuk	4,370 ft	Gravel/Lighting	No	Unattended; 852-0348
Barrow	6500 ft	Asphalt/Lighting	Yes	Attended (Sept-May: 0600-1800; June-Aug 0700-2230); 852-6199
Barter Island LRRS (USAF)	4,820 ft	Gravel/Lighting	No	Attended (0600-0000); 852-0348
Cape Lisburne LRRS (USAF)	4,800 ft	Gravel/Lighting	No	*PPR required (USAF); Private; Attended (daylight hours) 725-1203
Deadhorse	6500 ft	Asphalt/Lighting	Yes	Attended (0700-1730); 659-2553
Deadhorse Name: Seal Island Heliport	50 x 50 ft	Wood/No Lighting	No	Private; Unattended; 599-4310
Deadhorse Name: Alpine Airstrip (ConocoPhillips Alaska)	5,000 ft	Gravel/Lighting	No	Private; Attended (Irregular); 670-4012
Deadhorse Name: Badami (BP Exploration Alaska)	5,100 ft	Gravel/No Lighting	No	Private; Unattended; No Phone #
Deadhorse Name: Helmericks	2,500 ft	Dirt/No Lighting	No	Private; Unattended; 659-3991
Deadhorse Name: Inigok	5,000 ft	Gravel/Lighting	No	Private; Attended; (Dec-May: 0600-1800; June-Aug: Unattended) 258-3446
Galbraith Lake	5200'	Gravel/Lighting	No	Unattended; 787-8964
Kaktovik - Bullen Point AFS (USFS)	3,520 ft	Gravel/No Lighting	Yes	*PPR required (USAF); Private; Unattended 659-7448
Kaktovik – Bullen Point AFS Heliport; (USFS)	160 x 150 ft	Gravel/No Lighting	No	*PPR required (USAF); Private; Unattended 659-7448
Kuparuk Name: Ugnu-Kuparuk (ConocoPhillips Alaska)	6,000'	Gravel/Lighting	Yes	Private; Attended (All hours); 659-7448
Kuparuk Name: Pad-66 (Helipad) (ConocoPhillips Alaska)	75 x 75 ft	Gravel/No Lighting	No	Private; Unattended; 659-7448
Lonely AS (USAF)	5,000 ft	Gravel/Lighting	No	*PPR required (USAF); Private; Unattended; Not maintained; 659-7448

AIRPORTS/LANDING STRIPS WITHIN NORTH SLOPE SUBAREA				
Location	Runway Length (feet)	Runway Composition; Lighting	Emergency Fuel	Attendance Remarks; Airport Manager Phone
Nuiqsut	4,340 ft	Gravel/Lighting	No	Unattended; 852-2611
Point Hope	4,000 ft	Asphalt/Lighting	No	Unattended; 442-3147
Point Lay LRRS (USAF)	3,500'	Gravel/Lighting		*PPR required (USAF); Attended (All hours); 852-0340
Prudhoe Bay (See Deadhorse)				
Prudhoe Bay Name: Northstar Heliport (BP Exploration Alaska)	62 x 55 ft	Gravel/No Lighting	No	Private; Attended (all hours); 564-5265
Umiat	5,400'	Gravel/No Lighting	Yes	Unattended, 451-5217
Wainwright AS (USAF)	3,000'	Gravel/Lighting	No	*PPR required (USAF); Private; Unattended; Not maintained; 552-5105
Wainwright	4,500'	Gravel/Lighting	No	Unattended; 852-2611

\*PPR = Prior Permission Required from USAF (Elmendorf Air Force Base). Call 552-4212, 552-1989, or 552-5346.

#### Air Service Companies Available For Transportation

A listing of air service companies providing services to specific communities is located in *Part One – Community Profiles* at the beginning of this section, under each community. This information is extracted from the Alaska Department of Commerce, Community and Economic Development, Community Database:

[www.dced.state.ak.us/dca/commdb/CF\\_COMDB.htm](http://www.dced.state.ak.us/dca/commdb/CF_COMDB.htm)

Below is a list of air service companies that provide service in the two hub communities of the North Slope Subarea.

AIR SERVICE COMPANIES IN HUB COMMUNITIES OF THE NORTH SLOPE SUBAREA	
<b>Barrow</b> Alaska Air Frontier Flying Service Cape Smythe Air Service (operated by Frontier Flying) Hageland Aviation Northern Air Cargo Northwest (codeshare)	<b>Prudhoe Bay</b> Alaska Air Everts Air Alaska Frontier Flying Service Northern Air Cargo Shared Services Aviation (BP & ConocoPhillips)

## **B. BIRD AND OTHER WILDLIFE RESPONSE**

The **Unified Plan, Annex G “The Wildlife Protection Guidelines for Alaska”** is the primary reference for bird and wildlife response under this plan. *(This includes guidance for determining how to deal with oiled- or potentially-oiled wildlife.)*

A detailed table of contents is included at the beginning of the guidelines. Listed below are a few frequently referred to sections:

- Appendix 1 – Factors that Must Be Considered when Determining when to Begin and End a Wildlife Capture and Treatment Program
- Appendix 16 -- State and Federal Permits and/or Authorizations Required for Hazing, Collecting, or Holding Live Animals *(This includes permits required for wildlife response activities)*
- Appendix 21 -- Entities in Alaska with Equipment and Materials Stockpiled for Deterring Un-oiled Wildlife and Capturing and Treating Oiled Wildlife
- Appendix 24 – Oil Spill Response Checklist: Wildlife Hazing
- Appendix 25 – Oil Spill Response Checklist: Wildlife Capture, Transportation, Stabilization, and Treatment
- Appendix 26 – Contact Information for Wildlife Resource Agencies: Migratory Birds, Marine Mammals, and Terrestrial Mammals

Wildlife response activities must be authorized and permitted by appropriate federal and/or State wildlife resource agencies. As noted above, Appendix 26 of the Wildlife Protection Guidelines includes wildlife resource agency contact information by wildlife species. Federal and State wildlife resource agencies include the U.S. Department of the Interior, the U.S. Department of Commerce - National Marine Fisheries Service, and the Alaska Department of Fish and Game.

**All questions and requests for guidance should be directed to the primary resource agencies:**

Alaska Dept. of Fish and Game	459-7363 or 267-2300
National Marine Fisheries Service	586-7235, 271-5006
US Dept. of the Interior	271-5011
US Fish and Wildlife Service (DOI)	contact DOI, listed above

## C. CONTRACTORS: BOA AND TERM

**Federal Basic Ordering Agreement (BOA) Contractors:** The U.S. EPA and U.S. Coast Guard maintain Basic Ordering Agreements (BOAs) with contractors for providing services, supplies, and equipment to contain, cleanup, and/or mitigate the harmful effects of spilled petroleum products and hazardous substances during emergencies. Only authorized Contracting Officers or the FOSC may issue Delivery Orders under a BOA. Requests for information regarding BOAs should be made through the FOSC.

**State Term Contractors:** ADEC maintains “term” contracts with several companies and consulting firms for providing needed expertise and assistance during responses to oils spills and hazardous substance releases. These contracts can be activated by the issuance of a Notice To Proceed by the ADEC Contract Manager or the SOSOC. Refer to the **Unified Plan, Annex E, Appendix III, Tab X** for a listing of the companies holding a term contract with the State of Alaska.

## D. HISTORIC PROPERTIES PROTECTION

Guidance for how to ensure that preparedness and emergency response activities take historic properties protection into account is provided in the *Alaska Implementation Guidelines for Federal On-Scene Coordinators for the Programmatic Agreement on Protection of Historic Properties during Emergency Response under the National Oil and Hazardous Substances Pollution Contingency Plan*. This Alaska RRT-approved document is available on the Alaska RRT website at [www.akrrt.org/AK\\_IPG.pdf](http://www.akrrt.org/AK_IPG.pdf). For example, Attachment 5 of the guidelines outlines the procedure for Federal On-Scene Coordinators (FOSCs) to determine when to activate a Historic Properties Specialist following an oil discharge or hazardous substance release. The list of companies with pre-identified individuals who are qualified to serve as an FOSC’s Historic Preservation Specialist is in the Section C of this Information Directory (Resources Section, Part III).

**Questions about historic properties preparedness and response activities should be directed to:**

Alaska Department of Natural Resources, Division of History and Archaeology,  
State Historic Preservation Office (SHPO) ..... 269-8721

U.S. Department of the Interior, Office of Environmental Policy and Compliance ..... 271-5011



## **E.     EMERGENCY SERVICES/MANAGERS**

Emergency phone numbers for police, fire, and medical for each town and village in the North Slope Subarea are listed together in the **Response Section** and individually by village/city at the beginning of this section in *Part One – Community Profiles*.

### **Borough Emergency Management**

North Slope Borough – contact NSB Fire Department ..... 852-0234

### **For events posing imminent threat to life or risk of fire**

NSB Police & Fire (24 hr)..... 911

NSB Fire Department (After work hours contact Police Dispatch)..... 852-0234

NSB Police Dept Dispatch ..... 852-6111

### **Alaska State Troopers**

Barrow Post ..... 852-3783; *Fax* 852-3784

A statewide listing of emergency managers is available in the **Unified Plan, Annex E, Appendix III, Tab T**.

## **F.     FISHING FLEETS AND ORGANIZATIONS**

There are no formal organized fishing fleets/organizations in the North Slope Subarea. Other subarea plans may be consulted for the listing of fishing organizations within their respective subareas. Generally, fishing groups and associations may be contacted with requests for specific information on the location and timing of fish, as well as local current conditions, and though the primary function of these organizations is not to provide such information, individual members will be quite knowledgeable about environmental conditions and may be willing to share information.

Subsistence hunting and fishing, rather than commercial endeavors, are the main activities of this region. The Alaska Eskimo Whaling Commission serves to organize and promote whaling by the Inupiat and Siberian Yupik Eskimos living in the coastal villages in northern and western Alaska, a significant marine subsistence activity for many of the North Slope villages. Contact information is under Barrow in *Part One – Community Profiles* and in *Part Three, Information Directory – N. Native Organization and Federally-Recognized Tribes*. By contacting specific communities, one may be able to obtain specific information regarding local weather, river conditions and topographic features.

## **G. GOVERNMENT CONTACTS AND INFORMATION**

### **FEDERAL**

All pertinent emergency response contact information for U.S. government offices is provided at the beginning of this plan in the *Response Section*.

For questions specifically concerning this plan and federal involvement, contact the following:

EPA, Alaska Area Planner	<i>Phone: 271-3414; Fax: 271-1274</i>
USCG Sector Anchorage, Contingency Planner	<i>Phone: 271-6700; Fax: 271-6751</i>

### **STATE**

All pertinent emergency response contact information for State of Alaska government offices is provided at the beginning of this plan in the *Response Section*.

For questions specifically concerning this plan and State involvement, contact the following:

ADEC, Prevention & Emergency Response Program	<i>Phone: 269-7682 or 269-7683 Fax: 269-7648</i>
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### **LOCAL**

Local government information can be found by consulting *Part One – Community Profiles* of this section.

Information on Native organizations and Tribal governments can be found in the community profiles as well as in this part at subpart *N. Native Organizations and Federally-Recognized Tribes*.

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For general information concerning the development of this plan and specific government involvement, please refer to the Background Section of this plan.

## H. HOSPITALS

In the North Slope Subarea, only Barrow has hospital facilities. Most of the smaller towns and villages offer medical care through a clinic. Check individual towns and villages in *Part One - Community Profiles* to see what may be available. For oil or chemically contaminated victims, check immediately with the hospital for any pre-decontamination requirements.

Below is a listing of the major hospitals and clinics within the subarea.

<b>HOSPITALS WITHIN THE NORTH SLOPE SUBAREA</b>			
<b>Facility</b>	<b>Location</b>	<b>Capacity</b>	<b>Phone Number</b>
Samuel Simmonds Memorial Hospital (SSMH)	Barrow	14 beds	852-9331
<i>The hospital is a qualified Acute Care facility and State-certified Med-evac Service. Critical patients will be transported to Fairbanks or Anchorage hospitals.</i>			

<b>CLINICS WITHIN THE NORTH SLOPE SUBAREA</b>	
<b>Location</b>	<b>Phone Number</b>
Anaktukuk Pass	661-3914
Atqasuk	633-6711
Barrow (NSB Clinic)	852-9248 or 852-0260
Kaktovik	640-6413
Nuiqsut	480-6720
Point Hope	368-2234
Point Lay	833-2526
Prudhoe Bay/ Deadhorse (3) Prudhoe Bay Industrial Clinic BOC Medical MCC Medical	659-2087 659-4315 659-5239
Umiat (local dispensary, no clinic)	(unavailable at time of publication)
Wainwright	763-2714

**I.     INTAKE WATER-USE FACILITIES**

Refer to the *Sensitive Areas Section* of this plan for specific water intake and use facilities.

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**J.     NOT USED**

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**K.     NOT USED**

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**L.     LABORATORIES**

For a statewide listing of laboratories, refer to the Unified Plan, Annex E, Appendix III, Tab K.

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**M. MEDIA**

<b>Outlet</b>	<b>Address</b>	<b>Phone</b>	<b>Fax</b>
<b>Wire Services</b>			
Associated Press	750 W 2nd Ave, Suite 102, Anchorage, AK 99501	272-7549	274-2189
Reuters	3400 Purdue St, Anchorage, AK 99508	349-4588	349-4589
<b>Newspapers – North Slope &amp; Statewide Newspapers</b>			
Arctic Sounder ( <i>Serving the Northwest Arctic Borough and the North Slope Borough</i> )	301 Calista Court, Suite B Anchorage, Alaska 99518	272-9830; 800-770-9830	272-9512
Nome Nugget	P.O. Box 610; Nome Alaska, 99762	443-5235	443-5112
Anchorage Daily News	Box 149001 Anchorage, AK 99514	257-4200 257-4305	258-2157
Fairbanks Daily News Miner	200 N Cushman St., Fairbanks, AK 99707	456-6661 459-7572	452-7917
<b>Television – North Slope &amp; Fairbanks Stations</b>			
Barrow Cable TV (GCI)	Barrow, AK 99723	852-5511	852-5510
KATN – TV (Channel 2; ABC)	516 2 <sup>nd</sup> Avenue, Fairbanks, AK	452-2125	
KFXF – TV (Channel 7; FOX)	3650 Braddock St., Suite 1 Fairbanks, AK 99508	452-3697	
KJNP – TV (Channel 4; Independent)	P.O. Box 56359 North Pole, AK	488-2216	
KTVF – TV (Channel 11; NBC)	3528 International St., Fairbanks, AK 99707	452-5121 452-5123 news	452-5120 452-5124 news
KUAC – TV (Channel 9; PBS)	Public Broadcasting Service, University of Alaska, Fairbanks, AK 99775-1420	474-7491	
<b>Radio – North Slope &amp; Fairbanks-area Stations</b>			
KRBW – 680 AM & 91 FM	(National Public Radio) Barrow, AK 99723	852-6811	
KAKQ – FM 101.1	546 9 <sup>th</sup> Ave., Fairbanks, AK	457-1921	
KCBF – 820 AM/	1060 Aspen, Fairbanks, AK	451-5910	452-5120
KFAR – 660 AM	1060 Aspen, Fairbanks, AK	451-5910	
KIAK – AM 970	546 9 <sup>th</sup> Ave, Suite 200 Fairbanks, AK	450-1000	
KIAK – FM 102.5	546 9 <sup>th</sup> Ave, Suite 200 Fairbanks, AK	457-1025	
KJNP	P.O. Box 56359 North Pole, AK 99705	488-2216	
KSUA – FM 91.5	Fairbanks, AK	474-7054	474-6314
KUAC – FM 89.9	NPR, UAF Fairbanks, AK 99775	474-7491	
KUWL – FM 103.9	1060 Aspen, Fairbanks, AK	451-5910	451-5999
KWLF – FM 98.1	1060 Aspen, Fairbanks, AK	451-5910	451-5999
KXLR – FM 95.9	Fairbanks, AK	452-5121	
KKED – FM 104.7	“The Edge” 546 9th Ave. Fairbanks, AK 99701	450-1000	457-2128

## N. ALASKA NATIVE ORGANIZATIONS AND FEDERALLY-RECOGNIZED TRIBES

### Regional Native Corporation:

Arctic Slope Regional Corporation (ASRC)  
P.O. Box 129, Barrow, AK 99723  
Phone 852-8633; Fax 852-5733; Web: [www.asrc.com/](http://www.asrc.com/)

Refer to the Unified Plan, Annex E, Tab I for a complete listing of Native corporations in the state.

The Department of Community and Economic Development located in Anchorage (563-1073) maintains a complete listing of villages and village corporations associated with the Municipal Lands Trustee (MLT) Program.

### Other Regional Native Organizations:

Alaska Eskimo Whaling Commission  
P.O. Box 570; Barrow, AK 99723  
Phone: 852-2392; Fax: 852-2303; E-Mail: [aewc@barrow.com](mailto:aewc@barrow.com)

Arctic Slope Native Assoc., Ltd.  
(*Regional Native Non-Profit. Non-Profit for Arctic Slope Regional Corp.*)  
P.O. Box 1232; Barrow, AK 99723  
Phone: 852-2762; Fax: 852-2763; E-Mail: [ebenh@barrow.com](mailto:ebenh@barrow.com)

## **Federally-Recognized Native Tribes in the North Slope Subarea**

The table below provides the names and contact information for the Federally-Recognized Native Tribes in the North Slope Subarea as listed in the U.S. Federal Register, July 12, 2002. A list of all federally-recognized tribes in Alaska and their contact information is posted at the Alaska Regional Response Team website:

[www.akrrt.org/AKTribes\\_August2005.pdf](http://www.akrrt.org/AKTribes_August2005.pdf)  
(Future updates will be posted on [www.akrrt.org](http://www.akrrt.org))

For additional tribal information, visit the following websites:

EPA Region 10 Tribal Program: <http://yosemite.epa.gov/r10/tribal.NSF>  
Bureau of Indian Affairs: <http://www.doi.gov/bureau-indian-affairs.html>

<b>FEDERALLY-RECOGNIZED NATIVE TRIBES IN THE NORTH SLOPE SUBAREA</b>			
<b>Tribe</b>	<b>Address</b>	<b>Phone</b>	<b>Fax</b>
Naqsragnuit Tribal Council (Village of Anaktuvuk Pass)	P.O. Box 21065 Anaktuvuk Pass, AK 99721	661-2575	661-2576
Atqasuk Village	P.O. Box 91109 Atqasuk, AK 99791	633-2575	633-2576
Inupiat Community of the Arctic Slope (ICAS)	P.O. Box 934 Barrow, AK 99723	852-4227	852-4246
Native Village of Barrow	P.O.Box 1130 Barrow, AK 99723	852-4411	852-8844
Kaktovik Village	P.O.Box 130 Kaktovik, AK 99747	640-2535	640-6217
Native Village of Nuiqsut	P.O. Box 89169 Nuiqsut, AK 99789	480-3010	480-2576
Native Village of Point Hope I.R.A.	P.O. Box 109 Point Hope, AK 99766	368-2330	368-2332
Native Village of Point Lay I.R.A.	P.O. Box 101 Point Lay, AK 99759	833-2575	833-2776
Village of Wainwright	P.O. Box 143 Wainwright, AK 99782	763-2535	763-2536

**O.     ORGANIZATIONS: ENVIRONMENTAL, HEALTH, AND VOLUNTEER**

**ENVIRONMENTAL**

Refer to the ENVIRONMENTAL INTEREST GROUPS (statewide) listing in the Unified Plan, Annex E, Appendix III, Tab M for a statewide list with contact information of environmental organizations.

**HEALTH**

Refer to the ENVIRONMENTAL INTEREST GROUPS (statewide) listing in the Unified Plan, Annex E, Appendix III, Tab M for a statewide list of health organizations.

**VOLUNTEER**

Refer to the VOLUNTEER ORGANIZATIONS section in the Unified Plan, Annex E, Appendix III, Tab R for a statewide listing of applicable organizations.

**P.     PORT AUTHORITIES, HARBOR MASTERS, AND MARINE PILOTS**

**PORT AUTHORITIES & HARBOR MASTERS**

There are no harbor masters in the North Slope Subarea.

**MARINE PILOT ASSOCIATIONS**

There are no Marine Pilots Associations listed for the North Slope Subarea. A statewide listing of marine pilot associations is available in the **Unified Plan, Annex E, Appendix III, Tab F**.

**Q.     NOT USED**

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## **R. RESPONSE AGREEMENTS**

### **STATE AND LOCAL**

**Community Spill Response Agreements:** The Alaska Department of Environmental Conservation Community Spill Response Agreements (CSRA) with has over thirty boroughs and municipalities across Alaska. The CSRA allow ADEC to reimburse local governments for spill response activities undertaken at the request of the SOSOC. (ADEC can activate a “generic” agreement in emergency response situations to allow for the reimbursement of communities that lack a signed CSRA.) In the North Slope Subarea, ADEC has signed agreements with the North Slope Borough.

**Local Spill Response Equipment Containers:** ADEC has identified over forty strategic locations throughout Alaska for the pre-placement of spill response equipment caches and has worked with local communities to position them. In the North Slope Subarea, ADEC has placed an equipment container at Pump Station 4 of the Trans-Alaska Pipeline. A listing of equipment contained in a typical conex is available above in *Part Two – Equipment, B. Non-Commercially Available Equipment*.

**Hazardous Materials Response:** Since few communities have the financial or personnel resources to maintain a Level A/Level B hazardous materials response team, ADEC has entered into agreements with the Municipality of Anchorage and the Fairbanks North Star Borough to have their hazmat teams respond to incidents outside of their jurisdiction when practicable. Further information on these agreements can be found in the Hazmat Section of this plan.

### **STATE AND FEDERAL**

State and federal agencies have signed agreements supporting the cooperative efforts they will take with each other during an emergency response to an oil spill or hazmat release. These agreements can establish jurisdictional boundaries, outline responsibilities, clarify roles, and/or specify conditions of support. Copies of these Memorandums of Understanding and Memorandums of Agreement can be found in the Unified Plan, Annex K.

## **S. SALVAGE AND TOWING COMPANIES**

Currently, there are no salvage and diving or towing companies in the North Slope Subarea. The USCG maintains a list of companies capable of providing marine towing resources; contact USCG Sector Anchorage Response Department at 271-6700 for the statewide list. The following companies may be mobilized from other regions of the state to provide diving and salvage services:

<b>Salvage &amp; Diving Companies</b>	<b>Location</b>	<b>Contact Phone Number</b>	<b>BOA?</b>	<b>Capabilities</b>
Alaska Commercial Divers	Ketchikan	(907) 247-0771	Yes	Diving and salvage
Alaska Divers and Underwater Salvage	Anchorage	(907) 694-0515	No	Diving and salvage
Inlet Offshore Divers	Anchorage	(907) 563-9060	Yes	Diving and salvage
Magone Marine	Dutch Harbor	(907) 581-1400	Yes	Diving, salvage, towing, support vessels
R&R Diving	Valdez	(907) 835-4375	Yes	Diving and salvage

**T. FEDERAL AND STATE NATURAL RESOURCE TRUSTEE EMERGENCY CONTACTS**

<b>TRUSTEE</b>	<b>EMERGENCY CONTACT</b>	<b>CONTACT INFORMATION</b>
<b>U.S. Department of the Interior</b>	1. Pamela Bergmann	Work: 907-271-5011 Cell: 907-227-3783 Fax: 907-271-4102 Email: pamel_bergmann@ios.doi.gov
	2. Doug Mutter	Work: 907-271-5011 Cell: 907-227-3781 Fax: 907-271-4102 Email: douglas_mutter@ios.doi.gov
	3. Chip Demarest	Work: 510-817-1477 / 79 Cell: 415-987-5772 Fax: 510-419-0177 Email: chip_demarest@ios.doi.gov
<b>U.S. Department of Agriculture</b>	1. Ken Vaughan	Work: 907-586-8789 Cell: 907-723-3508 Fax: 907-586-7555 Email: kvaughan@fs.fed.us
	2. Michael Wilcox	Work: 907-586-9379 Fax: 907-586-7555 Email: mrwilcox@fs.fed.us
<b>U.S. Department of Commerce</b>	1. Ian Zelo	Work: 206-526-4599 Cell: 206-375-3459 Fax: 206-526-6329 Email: Ian.J.Zelo@noaa.gov
	2. Brad Smith	Work: 907-271-5006 Fax: 907-271-3030 Email: Brad.Smith@noaa.gov
	3. Rebecca Hoff	Work: 206-526-6276 Cell: 206-719-7445 Fax: 206-526-6329 Email: Rebecca.Hoff@noaa.gov
<b>U.S. Department of Defense</b>	Alaskan Command (Command Post)	Work: 907-552-3000 Fax: 907-552-5102 Email: david.fosbrook@elmendorf.af.mil
	Elmendorf Air Force Base (Command Post)	Work: 907-552-3000 Fax: 907-552-5102 Email: daniel.barnett@elmendorf.af.mil
	Eielson Air Force Base (Command Post)	Work: 907-377-1500 Fax: 907-377-2724 Email: erika.chute@eielson.af.mil
	King Salmon, Galena, and Long Range Radar Stations (Command Post)	Work: 907-552-3000 Fax: 907-552-5102 Email: timothy.imdieke@elmendorf.af.mil
	U.S. Army (Fort Wainwright, Fort Greely, Fort Richardson) (Command Post)	Work: 907-384-6666 Fax: 907-384-1141 Email: kevin.gardner@us.army.mil

<b>Alaska Department of Environmental Conservation</b>	1. Leslie Pearson	Work: 907-269-7543 Fax: 907-269-7648 Email: leslie_pearson@dec.state.ak.us
	2. Dale Gardner	Work: 907-269-7682 Fax: 907-269-7648 Email: dale_gardner@dec.state.ak.us
	3. Clara Crosby	Work: 907-269-3064 Fax: 907-269-7648 Email: clara_crosby@dec.state.ak.us
<b>Alaska Department of Fish and Game</b>	1. Todd (Nik) Nichols	Work: 907-459-7363 Fax: 907-456-2259 Email: todd_nichols@fishgame.state.ak.us
	2. Valerie Blajeski	Work: 907-267-2300 Fax: 907-267-2464 Email: Valerie_blajeski@fishgame.state.ak.us
<b>Alaska Department of Natural Resources</b>	1. Sam Means	Work: 907-269-8548 Fax: 907-269-8913 Email: samm@dnr.state.ak.us
	2. Clark Cox	Work: 907-269-8565 Fax: 907-269-8913 Email: clark_cox@dnr.state.ak.us
<b>Alaska Department of Law</b>	1. Rita Lovett	Work: 907-269-5274 Fax: 907-278-7022 Email: rita_lovett@law.state.ak.us
	2. Craig Tillery	Work: 907-269-5200 Fax: 907-276-8554 Email: craig_tillery@law.state.ak.us
	3. Breck Tostevin	Work: 907-269-5274 Fax: 907-278-7022 Email: breck_tostevin@law.state.ak.us

1 = Primary Contact  
2 = 1st Alternate Contact  
3 = 2nd Alternate Contact

U. **NOT USED**

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V. **VEHICLES**

See the local Phone Book/Yellow Pages for up-to-date listings of companies that commercially rent or lease trucks and automobiles. Also refer to *Part One: Community Profiles* for additional information that may be available for a specific town or village, including the possibility of local heavy equipment availability.

The listings below focus on industrial trucking contacts:

<b>TRUCKING COMPANIES OPERATING IN NORTH SLOPE SUBAREA</b>			
<b>Company</b>	<b>Phone</b>	<b>Location</b>	<b>Equipment Capabilities</b>
Lynden Transport Inc (dba Alaska West Express – trucking)	659-2438 279-9515 452-4355	Prudhoe Bay Anchorage HQ Fairbanks HQ	Heavy Hauling/ Motor Freight; Haul Chemicals and Hazmat (Transport also via air, rail and water)
Carlile/K & W	659-2398 276-7797 451-7155	Prudhoe Bay Anchorage HQ Fairbanks HQ	Heavy Hauling/ Motor Freight; Haul Chemicals and Hazmat (Transport also via air, rail and water)
CATCO (Subsidiary of Crowley Marine)	659-2526	Deadhorse	Long Haul Trucking; Off Road Vehicles; Remote Camps
Kuukpik Carlile Transportation	480-6375	Nuiqsut	Motor Freight

\*\* The Alaska National Guard or Alaska Department of Transportations and Public Facilities may also be available to provide trucking resources.

## **W. WEATHER SERVICE**

The National Weather Service (NWS), which is part of the National Oceanic and Atmospheric Administration (NOAA), can provide current and forecast weather for the marine environment, as well as the inland/coastal zones. In addition, ice reports and forecasts are available.

<b>NATIONAL WEATHER SERVICE OFFICES, ALASKA</b>	
Alaska Weather Line (Recorded Forecast)	800-472-0391 (Statewide); 907-458-3745
Alaska Region Headquarters	271-5088
General Forecasting	266-5105
Fairbanks Weather Forecast Office	458-3700 (Open 24 hours)
Barrow Weather Service Office	852-6484
Ice Forecast	266-5138
Transcribed Aviation Weather	276-8199

<b>NOAA/NATIONAL WEATHER SERVICE INTERNET/WEB PAGES</b>	
National Weather Service, Alaska Region	<a href="http://www.arh.noaa.gov">www.arh.noaa.gov</a>
National Weather Service, Barrow Weather Service Office	<a href="http://pabr.arh.noaa.gov/">pabr.arh.noaa.gov/</a>
Weather Station List	<a href="http://www.arh.noaa.gov/obs.php">www.arh.noaa.gov/obs.php</a>
Alaska Aviation Weather Unit	<a href="http://aawu.arh.noaa.gov">aawu.arh.noaa.gov</a>
Alaska-Pacific River Forecast Center	<a href="http://aprfc.arh.noaa.gov">aprfc.arh.noaa.gov</a>
National Ice Center	<a href="http://www.natice.noaa.gov">www.natice.noaa.gov</a>

### **NOAA Weather Radio (NWR)**

NOAA Weather Radio continuous voice broadcasts on 162.40 and 162.55 MHZ can usually be received 20-40 miles from the transmitting antenna site, depending on terrain and the quality of the receiver used. Where transmitting antennas are on high ground, the range is somewhat greater, reaching 60 miles or more. The VHF-FM frequencies used for these broadcasts require narrow-band FM receivers. The National Weather Service recommends receivers having a sensitivity of one microvolt or less and a quieting factor of 20 decibels. Some receivers are equipped with a warning alert device that can be turned on by means of a tone signal controlled by the National Weather Service office concerned. This signal is transmitted for 13 seconds preceding an announcement of a severe weather warning.

NATIONAL WEATHER SERVICE HF VOICE WEATHER BROADCASTS The following VOICE BROADCASTS are on the Upper Sideband (USB) 4125 KHz		
Location	Station	Time of Broadcasts
Barrow	KCB53	6:30 am and 12:00 pm (April 1 - September 15 only)

COMMERCIAL BROADCAST RADIO STATIONS THAT BROADCAST NWS FORECASTS AND WARNINGS		
Location	Station	Time of Broadcasts
Barrow	KBRW	AM 680 91 FM

NORTH SLOPE WEATHER STATIONS				
Location	Identifier	Frequency	Agency	Phone
Anaktuvak Pass	PAKP	135.75	FAA	661-3020
Atqasuk	PATQ	119.92	FAA	633-2012
Barrow	PABR	135.75	NWS	852-3112
Barter Island	PABA	308.0	USAF	640-9904 x 226
Cape Lisburne	PALU	—	USAF	552-9730 x 229
Deadhorse	PASC	ATIS	FAA	659-2591
Kuparuk	PAKU	122.8	ConocoPhillips	659-7269
Nuiqsut	PAQT	135.35	NWS	480-5577
Point Hope	PAPO	118.32	FAA	368-2128
Point Lay	PPIZ	136.65	FAA	833-3112
Wainwright	PAWI	13225	NWS	763-8881

---From the Weather Station List: [www.arh.noaa.gov/obs.php](http://www.arh.noaa.gov/obs.php)

(This information was extracted from the *Alaska Marine Radio Directory*)

## WWW. USEFUL WEBSITES

ADEC	<a href="http://www.state.ak.us/dec/spar/">http://www.state.ak.us/dec/spar/</a>
ADEC – PERP (spill updates, response links)	<a href="http://www.state.ak.us/dec/spar/perp/">http://www.state.ak.us/dec/spar/perp/</a>
ADF&G	<a href="http://www.adfg.state.ak.us">http://www.adfg.state.ak.us</a>
ADMVA – DES	<a href="http://www.ak-prepared.com/">http://www.ak-prepared.com/</a>
ADNR	<a href="http://www.dnr.state.ak.us/">http://www.dnr.state.ak.us/</a>
ADNR – SHPO (archaeologists)	<a href="http://www.dnr.state.ak.us/parks/oha/shpo/shpo.htm">http://www.dnr.state.ak.us/parks/oha/shpo/shpo.htm</a>
ADPS – State Trooper Posts	<a href="http://www.dps.state.ak.us/posts/asp/">http://www.dps.state.ak.us/posts/asp/</a>
Alaska Chadux Corp.	<a href="http://www.chadux.com/">http://www.chadux.com/</a>
Alaska Community Database (ADCED)	<a href="http://www.dced.state.ak.us/dca/commdb/CF_COMDB.htm">http://www.dced.state.ak.us/dca/commdb/CF_COMDB.htm</a>
Alaska elected officials	<a href="http://www.gov.state.ak.us/lsgov/elections/distcom.htm">http://www.gov.state.ak.us/lsgov/elections/distcom.htm</a>
Alaska Geographic Response Strategies (home)	<a href="http://www.dec.state.ak.us/spar/perp/grs/home.htm">http://www.dec.state.ak.us/spar/perp/grs/home.htm</a>
Alaska GRS index map	<a href="http://www.akgrs.net/">http://www.akgrs.net/</a>
Alaska links to Emergency Response Services	<a href="http://www.linkupalaska.com/ers/">http://www.linkupalaska.com/ers/</a>
Alaska Regional Response Team	<a href="http://www.akrrt.org/">http://www.akrrt.org/</a>
Alaska Response Plans – Unified and Subarea	<a href="http://www.akrrt.org/plans.shtml">http://www.akrrt.org/plans.shtml</a>
Alaska Response Maps – ESI, GRS, MESA	<a href="http://www.asgdc.state.ak.us/maps/cplans/subareas.html">http://www.asgdc.state.ak.us/maps/cplans/subareas.html</a>
Alaska Resource Library	<a href="http://www.arlis.org/">http://www.arlis.org/</a>
Alaska State Library	<a href="http://www.library.state.ak.us/">http://www.library.state.ak.us/</a>
Alaska State Geo-spatial Data Clearinghouse	<a href="http://www.asgdc.state.ak.us/">http://www.asgdc.state.ak.us/</a>
Alaska State – home website	<a href="http://www.state.ak.us/">http://www.state.ak.us/</a>
Alaska State Statutes	<a href="http://www.legis.state.ak.us/folhome.htm">http://www.legis.state.ak.us/folhome.htm</a>
Daylight hours - sunrise/sunset information	<a href="http://aa.usno.navy.mil/data/docs/RS_OneDay.html">http://aa.usno.navy.mil/data/docs/RS_OneDay.html</a>
EPA – Region 10	<a href="http://www.epa.gov/region10/">http://www.epa.gov/region10/</a>
EPA – Solid Waste and Emergency Response	<a href="http://www.epa.gov/swerrims">http://www.epa.gov/swerrims</a>
National Response Center	<a href="http://www.nrc.uscg.mil/index.htm">http://www.nrc.uscg.mil/index.htm</a>
NMFS Alaska Region (NOAA Fisheries)	<a href="http://www.fakr.noaa.gov">http://www.fakr.noaa.gov</a>
NMFS Essential Fish Habitat, Info & Maps	<a href="http://www.fakr.noaa.gov/habitat/efh.htm">http://www.fakr.noaa.gov/habitat/efh.htm</a>
NMFS Marine Mammal Info	<a href="http://www.fakr.noaa.gov/protectedresources/default.htm">http://www.fakr.noaa.gov/protectedresources/default.htm</a>
NOAA	<a href="http://www.noaa.gov/">http://www.noaa.gov/</a>
NOAA Hazmat (Office of Response & Restoration)	<a href="http://response.restoration.noaa.gov">http://response.restoration.noaa.gov</a>
NOAA Weather (NWS Alaska Region)	<a href="http://www.arh.noaa.gov/">http://www.arh.noaa.gov/</a>
SERC & LEPCs	<a href="http://www.ak-prepared.com/serc/">http://www.ak-prepared.com/serc/</a>
State Regulations – Title 18 AAC Index	<a href="http://www.state.ak.us/dec/regulations/">http://www.state.ak.us/dec/regulations/</a>
Tidelands Mapper (ADEC/ADNR)	<a href="http://tidelands.landrecords.info">http://tidelands.landrecords.info</a>
US DOT – Hazmat Safety	<a href="http://hazmat.dot.gov/">http://hazmat.dot.gov/</a>
US DOT – Emergency Response Guidebook	<a href="http://hazmat.dot.gov/pubs/erg/guidebook.htm">http://hazmat.dot.gov/pubs/erg/guidebook.htm</a>
USCG, District 17	<a href="http://www.uscg.mil/d17/">http://www.uscg.mil/d17/</a>
USCG – Sector Anchorage	<a href="http://homeport.uscg.mil/mycg/portal/ep/portDirectory.do?tabId=1&amp;cotpId=16">http://homeport.uscg.mil/mycg/portal/ep/portDirectory.do?tabId=1&amp;cotpId=16</a>
USCG – Marine Safety, Security and Environmental Protection	<a href="http://www.uscg.mil/hq/g-m/gmhome.htm">http://www.uscg.mil/hq/g-m/gmhome.htm</a>
USCG – Certificate of Financial Responsibility	<a href="http://www.uscg.mil/hq/npfc/COFRs/index.htm">http://www.uscg.mil/hq/npfc/COFRs/index.htm</a>
USCG – Port State Information Exchange (PSIX)	<a href="http://cgmix.uscg.mil/psix/">http://cgmix.uscg.mil/psix/</a>
USCG – Vessel Response Plans (VRP) & Shipboard Oil Pollution Emergency Plans (SOPEP)	<a href="http://www.uscg.mil/vrp/">http://www.uscg.mil/vrp/</a>
US Code	<a href="http://www.gpoaccess.gov/uscode/index.html">http://www.gpoaccess.gov/uscode/index.html</a>
US Code of Federal Regulations	<a href="http://www.gpoaccess.gov/cfr/index.html">http://www.gpoaccess.gov/cfr/index.html</a>
Yellow Pages	<a href="http://www.acsyellowpages.com/">http://www.acsyellowpages.com/</a>

Websites Specific to the North Slope Subarea (also refer to <i>Part One: Community Profiles</i> of this section)	
<b>Boroughs</b>	
North Slope Borough	<a href="http://www.north-slope.org/nsb/default.htm">http://www.north-slope.org/nsb/default.htm</a>
<b>Cities</b>	
City of Barrow	<a href="http://www.cityofbarrow.org/">http://www.cityofbarrow.org/</a>
<b>Other Organizations</b>	
Arctic Slope Regional Corporation	<a href="http://www.asrc.com">http://www.asrc.com</a>
North Slope Health & Social Services	<a href="http://www.north-slope.org/nsb/default.htm">http://www.north-slope.org/nsb/default.htm</a>



## RESOURCES: PART FOUR – LOGISTICS

Listings of logistical support facilities and services in communities within the region are included in the tables located at the end of this part. Additional useful information may be available by consulting *Part One: Community Profiles* and checking the appropriate individual communities. Generally, support facilities and services will be limited in nearly all locations. The deployment of these limited resources will be further dependent upon the season. For instance, the short open water periods for the Beaufort and Chukchi Seas (roughly a three-month period between the average breakup and freeze-up dates) place an additional demand on tactics and planning for responding to an on-water oil spill in this region. The *Milepost* and *Alaska Wilderness Guide* contain valuable information and may be a resource to consult for more in-depth information.

The *Alaska Clean Seas Technical Manual, Volume 1 (Tactics Descriptions)*, provides a comprehensive listing, description, and specifications for spill response equipment assets available to the North Slope oil industry. Additionally, the *Alaska Clean Seas Technical Manual, Volumes 2A and 2B (Map Atlas and Map Atlas Legend Pages)* provides information on North Slope air accessible airstrips, staging areas and pre-staged equipment, vessel access and hydrographic conditions (along with priority protection sites and general environmental sensitivities). (The *Alaska Clean Seas Technical Manual* is available on the ACE website at [www.alaskacleanseas.org](http://www.alaskacleanseas.org).)

Communities in the North Slope Region are, for the most part, inaccessible by road (Anaktuvak Pass and Deadhorse/Prudhoe Bay are located on the Dalton Hwy). This condition does not allow for the rapid transport and staging of equipment and personnel resources to certain areas. Depending upon the significance and location of the event, resources existing within the region will be moved to the staging location by air or ground, and then transferred to vessels for deployment to the specific spill location. Resources secured from locations outside the North Slope Region can be expected to arrive initially by air, sea or road and then transferred to the staging locations by the most appropriate means available.

The following tables and figures are included in Part Four:

- Table B-1: VHF Repeaters
- Table B-2: Marine VHF Frequencies
- Table B-3: State of Alaska Communication Assets

- Figure B-1: VHF Repeater Locations
- Figure B-2: Cellular Phone Coverage Area

## **A. EQUIPMENT CONSIDERATIONS**

### **1. Staging Areas**

Any significant response effort will require large areas for equipment delivery, inventory, repair, and temporary storage. There are no deep water port facilities in the North Slope Region. Staging locations are limited to existing docking facilities, and these are very dependent on the presence of the ice pack, airports, and rural community facilities such as National Guard armories, schools etc.

Specific sites that may be available are listed in *Part One, Community Profiles* of this section by community.

### **2. Air Service and Landing Sites**

The *Part Three, Information Directory, Subpart A* of this section contains information on airports within the region, as well as aircraft charter services operating within the subarea. Additional, and more specific, information regarding airport facilities and services is contained in the Alaska Supplement, Flight Information Publication (FLIP) or at one of the websites listed in the above mentioned directory.

Consult the current FLIP document or the websites to ascertain the availability of services and suitability of the runway to the type of aircraft. Also, consult with FAA Flight Service in Fairbanks (474-0388 Hours 8: 00am-4: 00pm). The Unified Plan, Annex E, Appendix III provides a listing of C-130 capable airfields throughout the State of Alaska.

Year-round scheduled jet service in the region available from Alaska Airlines into Barrow and Deadhorse. Smaller communities are served by smaller aircraft and charter operators with provide both scheduled and charter air service. At all times of the year, but most predominantly in the winter, high winds and poor visibility may ground aircraft. Small aircraft accidents are not uncommon.

### **3. Fueling Sites**

Fuel (automotive, marine and aircraft) is available in a few communities from the usual sources. In the smaller communities, fuel may be limited in quantity or not available. Aviation fuel is especially limited in the smaller communities. Therefore, response in the smaller communities and in remote areas will require a fuel dispensing barge or portable device (bladder, fuel trailer) on-scene to replenish vessels, equipment, and aircraft. Refer to *Part Three, Information Directory, Subpart A* of this for the availability of aviation fuel at airports. In order to assure maximum flight times and loads, remote fueling depots will be required and may be established at float plane landing areas and beaches with state and resource trustee approval. Charter air services operating within the region can provide valuable information relative to this requirement. For helicopters, deck barges can be outfitted for refueling.

### **4. Maintenance Facilities**

Extensive maintenance and repair facilities do not exist in the North Slope Region. Extended operations not in the immediate vicinity of maintenance facilities will require that self-contained facilities be brought on-scene.

The responsible party will need to provide self-contained facilities aboard barges or other means.

### **5. Portable Restrooms**

Portable restrooms (port-a-potties) for remote or extended operations must be provided since most locations within the subarea are undeveloped. Portable toilets may be located on-site for use by crews working on the response. Portable restrooms in remote communities may have to be brought in from Fairbanks or Anchorage.

While in service, the units would need to be offloaded into a pump truck mounted on a barge, pumped into a sewage barge, or airlifted by helicopter to a receiving site. Coast Guard approved marine sanitation devices aboard vessels or designated sewage barges are other options that may be used in remote sites. Land-based

outhouses will need state and resource trustee approval. Approval from the property owner will be required if staged on private property.

## **6. Boat Ramps**

Boat ramps are typically found in developed communities in the region. There are no harbormasters available in any of the North Slope region communities. Contact the village coordinator for specific information and capabilities.

## **B. PERSONNEL CONSIDERATIONS**

### **1. Lodging**

Limited commercial lodging facilities are available in the major communities in the region. During the summer tourist season, most lodging facilities are booked at capacity and availability will be limited. Aside from the few major communities in the region, most communities have very limited lodging facilities or no facilities at all. Some possible alternatives to traditional lodging may be the use of RVs, mobile homes, portable work camps/shelters, National Guard Armories, school gyms, etc. On-water berthing facilities for response personnel may be required. Chartered passenger vessels, constructed “hotel” barges, or US Navy vessels might be utilized to provide berthing. All “berthing” type vessels must meet current Coast Guard licensing requirements.

### **2. Transportation**

The North Slope Region’s limited road, water and air transportation capability severely limits the ability to transport significant quantities of equipment and personnel to and from cities in the region. After transport to existing airports, equipment may need to be transferred to vessels for on-scene deployment. Small charter aircraft, both fixed wing and helicopters, will be the main method of rapidly transporting responders to the scene. If weather prevents flying or if a large number of personnel are involved, then in-region passenger vessels will be used. Workers brought in from outside the region will most likely arrive on scheduled Alaska Airlines flights or via chartered aircraft. These workers can then be shuttled to the scene by a combination of aircraft and vessels.

Response equipment can be dispatched to the scene by a combination of USCG and private charter aircraft and vessel transport. a limited number of fishing/whaling vessels operate in the region and these vessels are extremely dependent on pack ice conditions.

Fairbanks to Prudhoe Bay, by highway is 490 miles. The Dalton Hwy speed limit is 50 mph.

For transportation via air and water, the following table provides distance from Anchorage and Fairbanks to some of the North Slope communities. Times assume favorable weather and do not take into account delays waiting for favorable tides. Distances are from tables found in the back of *U.S. Coast Pilot, Volume 9 -Pacific and Arctic coasts of Alaska from Cape Spencer to the Beaufort Sea*. (Available on the internet at [chartmaker.ncd.noaa.gov/NSD/coastpilot.htm](http://chartmaker.ncd.noaa.gov/NSD/coastpilot.htm).)

<b>DISTANCE AND TRANSIT TIMES FOR COASTAL NORTH SLOPE COMMUNITIES</b>			
<b>Location:</b>	<b>Distance:</b>	<b>Travel Time (estimated)</b>	
<b>From Anchorage to:</b>		<b>Vessel (10 kts):</b>	<b>Air (C-130 acft):</b>
Barrow	624 nm	63 hrs	2 hrs 15 min
Pt Hope	612 nm	62 hrs	2 hrs 12 min
Wainwright	615 nm	62 hrs	2 hrs 13 min
Deadhorse	555 nm	n/a	2 hrs 1 min
<b>From Fairbanks to:</b>			
Barrow	437 nm (503 miles)	n/a	1 hr 38 min
Deadhorse	340 nm (391 miles)	n/a	1 hr 20 min

### 3. Food

A major response in the region will require significant quantities of food and the associated equipment necessary for properly handling, storing, preparing and disposal. These tasks would require contract support from the local area as long as the requirements did not exceed local capability. Out-of-region support can be provided in air transportable “packages”.

Food and other basic supplies will be purchased from stores most immediate to the incident when possible. Larger responses will require purchases from vendors throughout the region. High-speed vessel transport or small aircraft can deliver food to on-scene personnel.

### 4. Clothing

Alaska’s environmental conditions dictate that response personnel be equipped to operate in the harsh arctic environment. Personnel must arrive on-scene with adequate clothing to begin working immediately. This includes a complete set of heavy-duty rain gear, steel-toed rubber boots, gloves, hard-hat liner, and warm (preferably no cotton) under garments. Depending on the season, winter outerwear will also be required. Employers will be responsible for resupplying their employees with necessary clothing.

### 5. Training and Safety Equipment

All responders must report with the minimum required OSHA and State hazardous response training and all required personal protective equipment (PPE). This equipment includes hard hat, safety goggles, hearing protection, gloves, personal flotation device, respirator with cartridges, steel-toed boots. It will be the responsibility of the employer to provide and document the required training and to fully outfit and resupply their personnel with the necessary safety equipment.

Availability of PPE will be confirmed by the Site Safety Officer. See the Unified Plan, Annex H for guidance on determining training and safety equipment requirements.

## C. COMMUNICATIONS

Good, dependable communications between the command center and field operations is essential for an efficient spill response. For minor, short duration responses, a minimum of direct point to point communications will be needed and can normally be provided with two or more VHF marine portable radios or, possibly, with telephones. For large, extended responses covering a wide area, a communications “comm” set up as close to the incident as possible will be necessary. The communications center will require telephones, facsimile machines, and a single sideband/VHF-FM base station along with additional portable radios. Satellite communications may be added as required.

During prolonged spills, VHF repeaters, multi-frequency scanners, and continuous tape recorders may need to be installed. Portable repeaters can increase the communication range several fold depending upon where the repeaters are placed, by supplementing the coverage provided by permanently installed repeaters.

All responses will require either a simple communication schedule identifying when reports are to be transmitted and when field crews are to report or a full-scale communications management plan that includes the assignment of frequencies, channels, and call signs for various operations.

Adequate communications equipment along with a well thought out communications plan are imperative to a coordinated response. For responses involving numerous vessels or operations distant from the command post, the communications center will have to be placed as close to the response location as feasible. The “comm” center will require telephones, facsimile machines, single side-band, and VHF-FM base station with additional portable radios. The distances involved may necessitate the installation of VHF repeater stations to allow communications at greater distances.

Contingency planners must seriously address their communications requirements in the event of a spill. Failure to properly command and control response resources will prove devastating to the response. **Table B-3** and the **Unified Plan, Annex E** contain information on State and federal communication assets.

## 1. Radio Communications

**Table B-1** lists the permanently installed repeaters for the North Slope Subarea along with primary owners and operating frequencies. **Figure B-1** shows the locations of VHF repeaters in the North Slope Subarea

VHF radio communications is the primary radio band used by the State of Alaska, EPA and USCG. However, many local emergency responders utilize the UHF band. The Alaska Land Mobile Radio (ALMR) System currently covers the highway system from Anchorage to Fairbanks – along the Glenn, Parks, Alaska and Richardson Highways, although at time of publication (2006), some areas along the highways lack coverage. The ALMR system will allow for interoperable communication between agencies using separate bands and frequency ranges. During a Unified Command response, and in areas without ALMR coverage and ALMR compatible radios, multiple agency/ government radios may need to be utilized and monitored due to the range of frequencies used by the various parties.

The ADEC maintains three communications flyaway kits statewide (one each in Fairbanks, Anchorage, and Juneau) to support on-scene operations. Each kit consists of a VHF/FM base station radio with two 12-volt batteries and supporting hardware (the radio can also operate on commercial power). In addition to the flyaway kits, ADEC has portable suitcase repeater systems which will provide extended range for on-scene communications. Two UHF suitcase repeater systems are also available along with 48 compatible handheld transceivers. Four 100-watt portable generators can be deployed to provide power for communications equipment.

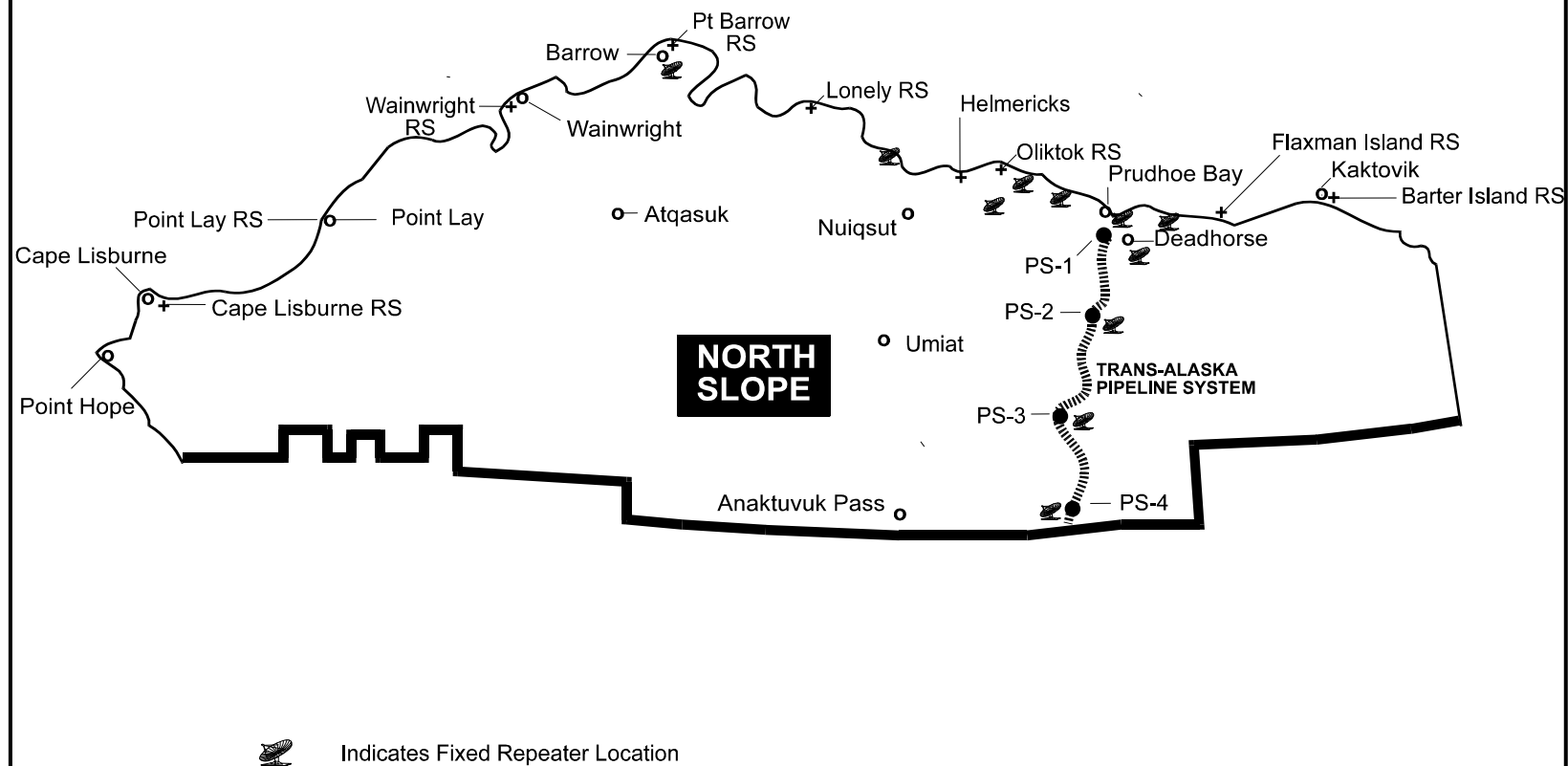
In large spills where the responsible party is unknown or is not responsive, the contracted response organization will be required to provide the necessary communications “package”. The State of Alaska also has a mobile emergency communications system (available through the Department of Military and Veterans Affairs, Division of Emergency Services) that could be established during an emergency declared by the governor. In the initial stages of a response, this system might be available to the Unified Command but only until a separate communications system could be established. The state’s system is intended for use by state agencies in emergency situations and not as a joint-use system for other response agencies/organizations. DMVA (through the Alaska National Guard) also maintains an Emergency Communications Response Team that may be mobilized to provide forward communications support in the event of a major spill incident.

Response on water will generally utilize the VHF marine radio frequencies. The USCG primarily operates on these frequencies. Marine communications at the command post and aboard vessels will generally require 25 watt VHF marine radios with high gain antennas. Vessels usually monitor channel 16 and switch to other working frequencies. When aircraft are used in conjunction with on-water activities, such as directing vessel movements, VHF marine frequency radios will be required for use by the aircraft. Table B-2 provides the marine VHF frequencies available for use by local, government, and industry responders. Due to aircraft noise, these radios should be equipped with headsets and boom mikes. Communications with aircraft from the command post will require standard VHF frequency capability.

Table B-1: VHF Repeaters				
Channel Designation	Location	Operating Frequencies		
		Transmit	PL	Receive
Alaska Clean Seas - Permanently Installed VHF Repeaters				
OS-33	Future Use West	161.235	103.5	159.585
OS-35	Harrison Bay (Kuparuk)	154.585	107.2	159.585
OS-37	Gwydyr Bay (BPX WOA)	158.445	107.2	159.480
OS-39	Prudhoe Bay (ARCO Lisburne)	158.325	103.5	153.185
OS-41	Prudhoe Bay (BPX EPI)	161.235	107.2	159.585
OS-43	Future Use East	154.585	103.5	150.980
OS-45	Future Use Far East	161.325	103.5	159.705
OS-47	Pump 2 (Alyeska)	161.325	107.2	159.705
OS-49	Pump 3 (Alyeska)	161.235	114.8	159.585
OS-51	Pump Station 4 (Alyeska)	154.585	114.8	150.980
Note:	OS-34, 36, 38, 40, 42, 44, 46, 48, 50, and 52 are available as tactical, talk-around channels to support each of the above repeaters (e.g., OS-34 serves as a talk around channel for OS-33, OS-36 is a talk around channel for OS-35, etc.)			
Alaska Clean Seas – Portable VHF Repeaters				
OS-53	Portable #1	160.530	97.4	150.815
OS-55	Portable #2	150.815	97.4	150.815
OS-57	Portable #3	160.650	97.4	150.950
OS-59	Portable #4	160.725	97.4	150.965
OS-61	Portable #5	160.785	97.4	159.525
OS-63	Portable #6	160.860	97.4	159.795
OS-65	Logistics Repeater (Deadhorse Spill Response Center)	161.160	114.8	159.630
OS-67	Logistics (Kuparuk) (CPF-3 - Kuparuk)	161.160	114.8	159.750
Note:	OS-54, 56, 58, 60, 62, 64 66, and 68 are available as tactical, talk-around channels to support the above repeaters. (e.g., OS-54 serves as a talk around channel for OS-53, OS-56 is a talk around channel for OS-55, etc.)			

Table B-1: VHF Repeaters (continued)				
Channel Designation	Location	Operating Frequencies		
		Transmit	PL	Receive
North Slope Borough – Permanently Installed VHF Repeaters				
Alaska State Troopers	Public Safety Building (Barrow)			
NSB Search and Rescue	Public Safety Building (Barrow)			
NSB Fire Department	Public Safety Building (Barrow)			
Wainwright Public Safety	Public Safety Building (Barrow)			
Atqasuk Public Safety	Public Safety Building (Barrow)			
Each Department within the Borough is assigned a fleet, and have available thirteen sub-fleets within the fleet. Altogether, there are nearly 325 trunked radios on the 800 MHZ system. Each has a common channel (Channel 2A at frequency 154.445 MHZ) and is attached to the Emergency Response Fleet (Fire, EMS, Hospital, Search and Rescue).				
Alaska Department of Environmental Conservation - Permanently Installed VHF Repeaters				
New	Lisburne (LPC)	151.070	114.8	158.925
New	Kuparuk (CPF-3)	151.040	114.8	158.835
New	DEC Office (Deadhorse) (Base Station)	N/A		
Alaska Department of Environmental Conservation - Portable VHF Repeaters				
Zone 1, Channel 3	DEC Portable Repeater 1 (out of region)	154.755	141.3	159.255
Zone 1, Channel 4	DEC Portable Repeater 2 (out of region)	154.815	141.3	159.285
Zone 1, Channel 5	DEC Portable Repeater 3 (out of region)	154.830	141.3	159.315

## PERMANENT VHF REPEATER LOCATIONS



**Figure B-1: VHF Repeater Location, North Slope Subarea**



<b>Table B-2: Marine VHF Radio Frequencies</b>					
<b>Channel Designation</b>	<b>Accessibility/Channel Designation</b>			<b>Frequencies</b>	
	<b>ACS</b>	<b>NSB</b>	<b>DEC Zone 2 Marine</b>	<b>Transmit</b>	<b>Receive</b>
6				156.300	156.300
7			MAR CH 7	156.350	156.350
9	OS-70 GC2 (Gwydyr Bay)	Yes		156.450	156.450
10	OS-71 EPI (Prudhoe Bay)		MAR CH 10	156.500	156.500
11	OS-72 DH Spill Response Ctr			156.550	156.550
12				156.600	156.600
13				156.650	156.650
16	OS-73	Yes	MAR CH 16	156.800	156.800
17		Yes	MAR CH 17	156.850	156.850
18	OS-74 CPF3 (Harrison Bay)		MAR CH 18	156.900	156.900
21A**			MAR CH 21A	157.050	157.050
22A			MAR CH 22A	157.100	157.100
67			MAR CH 67	156.375	156.375
68		Yes	MAR CH 68	156.375	156.375
72			MAR CH 72	156.625	156.625
80A	OS-75 Spare Coast Station			157.025	157.025
81A**			MAR CH 81A	157.075	157.075
85	OS-76 Portable			157.275	161.875
** Coast Guard working channels only, monitor only unless permission is received from local Coast Guard Command authorizing use while working a spill or a drill.					

## 2. Telephones

Telephone support will have to be coordinated through the local telephone utility. The requirements for telephone support may overload the capability of some of the remote locations resulting in delays in acquiring a suitable number of lines. Long distance service may also be severely limited during initial operations.

Telephones and facsimile machines should be used to reduce radio traffic congestion. Direct “hot lines” to key officials may be required if normal landlines are continuously tied up. Long distance service is provided by AT&T Alascom; GCI; Arctic Slope Telephone. A major response may surpass the local telephone system’s capability to handle a large volume of long distance calls. This is especially true for a command post located in a small village. Smaller communities would require the addition of new trunk lines for anything greater than a 50% increase in volume (several days delay).

### 3. Telefax

Dedicated incoming and outgoing fax machines should be commercially leased from local office supply companies. The number of dedicated lines and machines will depend on the size of the response. (*Table 3 lists State of Alaska portable fax machine assets.*)

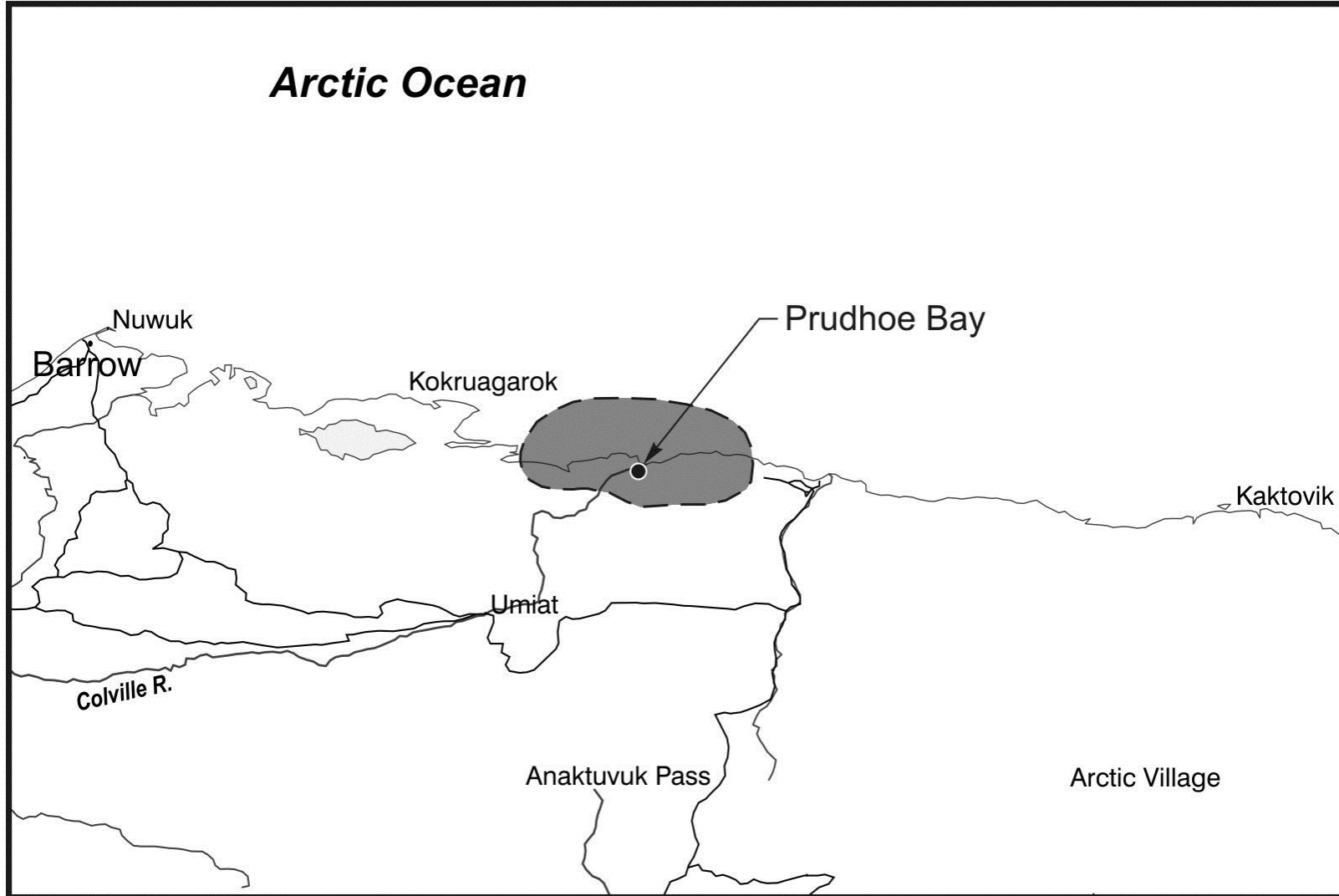
### 4. Cellular and Satellite Communications

Presently, cellular telephone coverage is limited in the North Slope Alaska region to the Pruhoe Bay area. Limited service may be available in Barrow as well. Companies currently offering cell phone service include ACS and Alaska DigiTel. Figure B-2 shows ACS cell phone coverage. Other cellular phones with “roam” capability may also work at certain locations. This capability is unpredictable and dependent on multiple factors that affect the capacity of ACS cellular towers to handle additional carriers.

The ADEC has portable, briefcase-sized satellite terminals (INMARSAT-M) and the USCG’s Pacific Strike Team has available an INMARSAT TELESYSTEM (TCS-9200). These systems are capable of placing and receiving calls from anywhere in the world, including remote locations, and supporting fax and computer modem operations. The DOD/Alaska National Guard may also have available portable satellite communications packages available.

General information and area of coverage are provided below:

Company	Telephone Number	Areas of Coverage
ACS	563-8000 800-808-8083	Cellular towers in Deadhorse, Kuparuk and Alpine.**
Alaska DigiTel	274-3114 888-530-3114	Provides analog roaming service using ACS towers. However, ACS can block non-ACS customers from “roaming” on their infrastructure to prevent system overloads or other problems.
<b>**Note:</b> <i>ACS has a cell tower in Barrow. However, at present only phones with a Barrow phone number can make or receive cell phone calls in Barrow. Due to the older technology format of the Barrow tower, it is unknown whether FCC rules will allow ACS to sell additional phones that function on the “old network” for use in the Barrow area.</i>		



**Figure B-2: Cellular Phone Coverage in North Slope Subarea, provided by ACS**

*(Note some other carriers may roam on the ACS wireless network if capacity allows for additional users. Alaska DigiTel is the only confirmed cellular communications provider in Alaska that has such an agreement with ACS; other Lower 48-based providers may also have agreements.)*

## **5. Portable Radios**

Response teams, whether small boat crews or beach and land-based teams, will generally need portable VHF radios with 1 to 5 watts power; usually these radios have approximately 55 channels. Backup batteries, chargers, and extra radios will be required for extended responses. The responsible party/response contractor must provide adequate radios for their personnel. On the government side, ADEC has a number of portable VHF radios available for use throughout the state, and USCG Sector Anchorage has twelve handheld marine VHF radios, MSD Kenai has five, and MSD Kodiak has two. The USCG government vehicles (2) at Sector Anchorage also have VHF radios installed. *(Table 3 lists State of Alaska portable radio assets.)*

## **6. Portable Communications Trailers**

Portable communications trailers are rare in Alaska. The major spill response coops have the capability to establish portable “comm” centers, either in fly away kits or road transportable units. The Department of Defense has extensive communications that could conceivably be made available in the event of a significant spill. See the **Unified Plan, Annex E, Appendix II** for specific procedures for accessing DOD equipment.

## **7. Copiers**

Dependable, high volume copiers will be required in the command center. The size of the response will dictate the number of copiers required. Having more than one copier is advisable in the event that one machine breaks down from overuse.

## **8. Interpreters**

With the growing influx of other cultures into Alaska, plus the possibility of foreign-flag vessels, language barriers may arise. Response staff may need the skills of an interpreter. Local hospitals and the State Troopers are the two most likely sources for the names of available interpreters.

**Table B-3: State of Alaska Communication Assets**

	<b>Equipment</b>	<b>Quantity</b>	<b>Agency</b>	<b>Location</b>	<b>Contact</b>	<b>Phone</b>
<b>RADIO EQUIPMENT</b>						
ADEC Fixed Base Station (North Slope)	Base Station installed in DEC Deadhorse Office.	1	ADEC	Deadhorse	Deadhorse Office	
Portable VHF Base Stations (Fly-Away Transceivers)	Fly-Away Kit	1	ADEC	Fairbanks	NART Office	451-2126
	Fly-Away Kit	2	ADEC	Anchorage	CART Office	269-7542
	Fly-Away Kit	2	ADEC	Juneau	SART Office	465-5233
Base and Hand Held Ground-Air Radios	Handheld Radios	10	ADEC	Statewide	Jim Stevenson	344-7380
	Base Radio	1	ADEC	Valdez	John Brown	835-4698
	Handheld Radios	3	DMVA ECRT	Ft Richardson	Mark Johannes	428-7000 800-478-2337
	Base Radio	7	DMVA ECRT	Ft Richardson	Mark Johannes	428-7000 800-478-2337
VHF Marine Radios	Handheld Radios	3	ADEC	Soldotna Anchorage	Gary Folley Jim Stevenson	262-5210 344-7380
	Base Radios	2	ADEC	N/A	N/A	----
	Handheld Radios	8	DMVA ECRT	Ft Richardson	Mark Johannes	428-7000 800-478-2337
	Base Radios	9	DMVA ECRT	Ft Richardson	Mark Johannes	428-7000 800-478-2337
Handheld Portable VHF Radios	Motorola Saber III	2	ADEC	Anchorage Valdez	Harry Young John Brown	269-7542 835-4698
	Motorola Saber II	67	ADEC	Statewide	Jim Stevenson	344-7380
	Motorola Saber I, Programmable, 12 channels	22	ADEC	DEC Whse (10) Statewide (12)	Jim Stevenson Jim Stevenson	344-7380 344-7380
	Motorola P-100 Radios, 2 channels	19	ADEC	Anchorage	DEC Warehouse	344-7380
	Motorola MX-360 Radios, 6 channels	13	ADEC	Anchorage (11) Kenai (2)	DEC Warehouse Gary Folley	344-7380 262-5210
	Bendix/King Radios	4	ADEC	Anchorage (2) Fairbanks (2)	DEC Warehouse Tom DeRuyter	344-7380 451-2145
	Bendix/King Radios	25	DMVA	Ft Richardson	Mark Johannes	428-7000 800-478-2337
	MAXON SP2550SMX	7	DMVA	Ft Richardson	Mark Johannes	428-7000 800-478-2337

<b>Table B-3: State of Alaska Communication Assets</b>						
	<b>Equipment</b>	<b>Quantity</b>	<b>Agency</b>	<b>Location</b>	<b>Contact</b>	<b>Phone</b>
	Motorola Saber III	2	DMVA	Ft Richardson	Mark Johannes	428-7000 800-478-2337
	Motorola MX 360 Radios	1	DMVA	Ft Richardson	Mark Johannes	428-7000 800-478-2337
	Ericson GE	6	DMVA	Ft Richardson	Mark Johannes	428-7000 800-478-2337
			DNR			
<b>MISCELLANEOUS EQUIPMENT</b>						
Auxiliary Power Supply (primarily for comms equipment)	Honda 1KW generators	4	ADEC	(2) Warehouse Fairbanks (1) Juneau	Jim Stevenson Tom DeRuyter Les Leatherberry	344-7380 451-2145 465-5346
	Honda 1KW generators	4	DHS&EM	Ft Richardson	Mark Johannes	428-7000 800-478-2337
	Northern Lights 5KW Generator	4	DHS&EM	Ft Richardson	Mark Johannes	428-7000 800-478-2337
	Generac, 4KW	2	DHS&EM	Ft Richardson	Mark Johannes	428-7000 800-478-2337
Satellite Phone Systems (INMARSAT)	INMARSAT-M	3	ADEC	(1) Fairbanks (1) Anchorage (1) Juneau	NART Office DEC Warehouse PERP Staff	451-2126 344-7380 465-5233
	SKY CELL	1	ADEC	Juneau	Art Pilot	465-5233
	IRRIDIUM PHONE	4	ADEC	(2) Anchorage (2) Fairbanks	Jim Stevenson Tom DeRuyter	344-7380 451-2145
	Mitsubishi, MSAT	6	DMVA	Ft Richardson	Mark Johannes	428-7000 800-478-2337
Portable Fax Machines		3	ADEC	Anchorage	DEC Warehouse	344-7380
		2	DHS&EM	Ft Richardson	Mark Johannes	428-7000 800-478-2337
Global Positioning System (GPS) Units	Marine System	6	DHS&EM	Statewide	Jim Stevenson	344-7380

## **D. COMMAND POSTS**

### **1. Locations**

Regardless of the spill volume, the USCG or EPA FOSC and State SOSC will initially operate from their normal offices. Likewise, the resource agency representatives will operate from their normal work areas until adequate space is arranged, if needed. For significant spills, these offices may prove inadequate and a joint command post will be required. For a response to a major oil spill in the Prudhoe Bay area, the responsible party will normally establish a command post at existing production facilities. Spills extending over a large area may require the establishment of forward command posts as well.

The Mayor of the Borough will serve as the primary contact for coordinating the use of local schools in the North Slope Borough. The NSB School District (852-5311) should also be contacted on the use of a school as a potential command post. In most cases, all items for support (food, berthing, communication, etc.) at the field command centers will have to be provided from outside the community.

Potential command posts are listed by community under *Part One – Community Profiles* of this section.

### **2. Procedures for Establishment**

For a privately-funded response, the responsible party will contract for the commercial command post facilities. For a federally-funded response, GSA and the FOSC will be responsible for locating and contracting for a long-term command post.

### **3. Equipment**

The amount of equipment to outfit the command post will be determined by the size of the response. In general, the following will be required equipment for every command post (any items not already available will be leased or purchased locally):

- Telephones and phone books
- Copy and Facsimile machines
- Desktop and portable computers with printers and fax/modem capability
- Internet and email access
- Office furniture
- Portable radios and Marine communications base station
- Cameras and Video recording/playback capability
- Office supplies (pens, pencils, paper, etc.)
- Chart paper with easels and Status boards (dry-write)
- Overhead and slide projectors
- Environmental Sensitivity Index (ESI) maps
- Most Environmentally Sensitive Area (MESA) maps
- Copies of any applicable industry contingency plans
- Copies of any appropriate local emergency response plans
- Copies of the Unified Plan and appropriate Subarea Contingency Plans
- Copies of the Alaska Incident Management System (AIMS) Guide
- Copies of the USCG Incident Management Handbook (COMDTPUB P3120.17)

## **E.     STORAGE/DISPOSAL**

The RP will be responsible for developing a waste disposal plan to provide the necessary logistical and procedural information required to ensure fast and efficient transfer of wastes from the response operations personnel to disposal facilities in compliance with existing laws and regulations. Oversight of the waste disposal plan will normally be the responsibility of the State.

Currently, no approved hazardous waste disposal sites exist in Alaska. Municipal landfills in Alaska either no longer accept oily wastes, or accept only lightly oiled soils. Consult with ADEC on the landfill status. An ADEC solid waste permit is required. ADEC Fairbanks can provide current information on the adequacy of landfills in the North Slope subarea.

Additionally, refer to the **Unified Plan** for basic guidance on waste management and disposal procedures (see Annex E, Appendix VI).